

RECORD

1983

1983

Linda Belzo Azul

CAPT

BOB

Plowman

025

JANUARY							FEBRUARY							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	..	..	1	..	..	1	3	3	4	5	..	..	1	3	3	4	5	..
2	3	4	5	6	7	8	6	7	8	9	10	11	12	8	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28	..	..	..	..	..	27	28	29	30	31	..	..
30	31	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

APRIL							MAY							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	..	1	2	..	1	2	3	4	5	6	7	..	..	1	2	3	4	5
3	4	5	6	7	8	9	8	9	10	11	12	13	14	8	9	7	6	9	10	11
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25
34	25	26	27	28	29	30	29	30	31	..	..	..	..	26	27	28	29	30	..	..
..

JULY							AUGUST							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	..	1	2	..	..	1	2	3	4	5	6	..	..	1	2	3	4	5
3	4	5	6	7	8	9	7	8	9	10	11	12	13	4	5	6	7	8	9	10
10	11	12	13	14	15	16	14	15	16	17	18	19	20	11	12	13	14	15	16	17
17	18	19	20	21	22	23	21	22	23	24	25	26	27	18	19	20	21	22	23	24
24	25	26	27	28	29	30	29	30	31	..	..	..	..	25	26	27	28	29	30	..
..

OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	..	..	1	..	..	1	2	3	4	5	..	..	..	1	2	3	4	5
3	3	4	5	6	7	8	4	7	8	9	10	11	12	4	6	7	8	9	10	11
9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17
16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24
33	24	25	26	27	28	29	27	28	29	30	25	26	27	28	29	30	31
30	31



ACCOUNT BOOKS

144 PAGES • 7 7/8 IN. x 5 1/4 IN. (20 cm x 13.4 cm)

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RULING:

S.E. LEDGER

CASH

RECORD

Made in U.S.A.

VERNON McMILLAN, Inc., ELIZABETH, N.J. 07208

Ron Determann - Erythrox. cuttings

10113A → Kempang

12690

Plowman Collections Brazil Trip (pre + post PF)

		#	Day	W	Anal. Lv	Live
Jan 18-19	Araruama	71	358	6	6	5
	EXC, CEPEC					
Jan 27	Behia: Salvador	22	106	1	1	2
	CEPEC					
Feb 2-	Behia:					
	Marau	17	62	2	1	0
		66	299	2	2	1
Feb 4-5	Ituberã	13	126	4	5	5
		22	107	-	-	-
Feb 6-7	Valença	3	32	1	1	2
		54	270	-	-	1
Feb. 9	Maracás	7	111	5	3	0
		53	261	-	-	-
Feb. 10	Tequié	1	6	0	0	0
		17	59	-	-	-
Feb 11	Ilhéus	2	36	1	1	0
		30	127	-	-	-
Feb 17	RJ: JB	5	4	0	0	2
Feb 18	RJ: Maricá	20	77	1	1	9
Feb 18	RJ: Niterói	6	36	1	1	5
Feb 22-23	RJ: Maricá	17	18	0	1	17
	Sta M. Madalena	87	317	2	2	13
Nov. 28	Miami	29	45	0	0	0
Mar, 1	"	4	23	0	1	0
Plowman #s		304	1347	24	22	60
with Cervelha #s		546	2480			

BRAZIL: Estado do Ceará.

Município de Crato. Chapada do Araripe. Parque Nacional de Araripe. 15 km. ^{west} south of Crato along road to BK-122.

Alt. 860 m. 18 Jan 1983.

Coll. T. Plowman. Low forest on ^{flat} summit of Chapada on sandy clay soil, near Estação de IBDF.*nitida* (Meissner) Rohwer12690. *Ocotea pallida* Nees

Laur.

F
GAC (3)

Tree 8 m. tall x 10 cm. diam.

MO

Flower buds cream. det. A. Fernandes 1983
det. J. Rohwer 1986.12691. *Hirtella glandulosa* Spreng.

Chrysob.

NY (3)
EAC
FSlender tree let 6 m. tall, frequent. Mature fruits black.
det. G. T. Prance 1983.12692. *Neea Guapira* sp.

Nyctag.

F (3)

EAC

U

Treelet 5 m. tall, frequent. Infl. pendulous. Fls. light green, staminate. See #12697 for pistillate.

12693. *Ouratea*[hexa. --- St Hil.] *fuldbergiana* var. *caesia* Ochnac.F (7) NY
EAC
CEPEC
UEC

Shrub 3 m. tall. Receptacle red. Ripe fruits black. Frequent in forest margin.

12694. *Croton gardneri* Muell. Arg.det. M. J. Hoff 1983
Euphorb.F
EAC (5)

CEPEC

NY
K

Scandent weak shrub 3 m. tall. Flowers green. In forest margin.

JAN 18 1983

12695. Maprounea guianensis Aubl. Euphorb.

(6) Shrub 3 m. tall in forest margin. Leaves shiny dark green above, pale dull green beneath. Flowers cream. Immature fruits pale green. "on upper surface" "on lower surface" (do throughout!)

F K
EAC RB
CEPEC
NY

12696. Styrex camporum Pohl. Styac.

(4) Shrub 4 m. tall in forest margin. Petals white. Anthers yellow. Flowers very fragrant. Occasional.

EAC K
F
NY

12697. Neel Guapira Nyctag.

(9) Treelet 4 m. tall. Infl. pendulous. Flowers green, pistillate. See #12692 for Staminate.

EAC-2 MD
CEPEC K
F NY
U RB

12698. Simaruba Simarub.

(4) Treelet 6 m. tall in forest margin. Fruits pendulous, shiny black.

EAC
F
NY
SP

12699. Cybianthus detergens Mart. Myrsin.

(3) Shrub 1.5 m. tall in forest margin. Flowers pale green. det. J.J. Pipoly 1984.

EAC
F
NY

12700. Erythroxylum barbatum O. E. Schulz

(15)

Det. T. Plowman

WOOD {⁺³
UW
HW
MADW
(A)
fotos

Slender tree 8 m. tall x 4 cm. diam. Bark pale reddish tan.

Leaves medium green above, somewhat shiny with pale green midrib; very pale dull green beneath.

Stipules rusty red-brown. Calyx pale green. Fruits pale green turning dull brick-red; turning black after picking and pressing.

Only one mature individual seen which was one of few small trees to survive a fire one year earlier.

EAC-3 G
CEPEC
F
NY
MD
RB
SP
MG
GH
K
US
MBM12701. Erythroxylum barbatum O. E. Schulz

Erythrox.

(6)

Det. T. Plowman

L: A.F.

Seedlings to 1 m. tall. Leaves medium green, somewhat shiny above with pale green midrib; very pale dull green beneath. Stipules rusty red-brown.

EAC-2
F
GH
RB
MBM

12702. Erythroxylum suberosum [det. T. Plowman] Hil. Erythrox
(1)

live AF
(A) Mo
Soto NY
EAC-2 US
CEPEC G
F
K

Weak shrub 50-80 cm. tall in forest margin along Park road. Leaves dark green, somewhat shiny above; pale green, dull beneath. Calyx pale green. Immature fruits pale green. Occasional.

12703. Stigmatophyllum parviflorum Juss. Malpigh. Det. T. Plowman

(4)
EAC foto
F
MICH
NY

Slender unbranched subshrub 80 cm. tall in forest margin along park road. Leaves dull dark green above, pale dull green beneath. Flowers light yellow throughout. Occasional. ! C. ANDERSON 1988

12704. Myrtac.

EAC (2)
F

Low shrub 50 cm. tall in forest margin. Flowers white.

12705. Jacquemontia Convolv.

UNICATE (1)
EAC

Twining vine in shrubs in forest margin. Corolla pale blue.

12705A. No specimen

Convolv.

Seed only → winea Vine with dry fruits.

12706. Myrcia?

Myrtac.

(2) Shrub 1.5 m. tall in forest margin along road. Immature fruits white, mature fruits shiny black.

EAC
F

(Aubl.) Krug + Urb.

12707. Phoradendron aff. racemosum

Loranth.

(4) Hemiparasite on small anacardiaceous tree, 1.5 m.

from ground, on trunk. Fruits white, both immature and mature.

Det. J. Kuijt 1983

EAC
CEPEC
LEA

12708. Annona coriacea Mart. Annon.

(2) Shrub 2.5 m. tall in forest.

Leaves shiny dark green above, dull paler green beneath. Fruit broadly ovate, nearly ripe, dark green, 7 cm. long, 8 cm. diam.

Det. T. Plowman

EAC
F

(A. DC.) Woods.

12709. Himatanthus bracteatus

Apoc.

(4) Slender sparsely branched tree-let 4 m. tall with latex. Flowers white.

n.v. "janaguba". Bark used as remedy for cancer. Commercially exploited.

fl → (A)
folos

EAC
CEPEC
F
MG

H. DRASTICOS (MART.) PLUMEL

DET. A. SPINA
(UEC) 2003

- 12710 Xanthoxylum gardneri Engl. Rutac.
 F (5) Shrub 2.5 m. tall in forest margin.
 EAC NY Young fruits green, old fruits
 CEPEC brown.
 INPA det. A. Fernandes 1983.
 U

12711. Cordia piauiensis Fresen. Borag.
 (1) Subshrub 1 m. tall in forest
 EAC UNICATE margin. Flowers white.
 det. A. Fernandes 1983.

12712. Byrsonima sericea DC.
 (3) Tree 6 m. tall in forest
 EAC F margin. Leaves dark green shiny
 MICH above, silvery-ferruginous
 beneath. Flowers yellow.
 det. W. R. Anderson 1984

12713. Vernonia Comp.
 F (3) Tall scandent shrub 3 m.
 EAC tall in forest margin along
 RB road. Old fruits light brown,
 pappus whitish.

Brazil: Estado Ceará: Município Crato
 Sítio do Araripe, north facing
 slope above Lameiro. Alt. 810 m.
 along CE 090.

12714. Chuquiraga sprengeliana Bacher Comp.
 F (3) Erect shrub 1 m. tall on steep
 EAC open hillside. Flowers past.
 RB det. A. Fernandes 1983.

BRAZIL: Estado do Ceará. Município de Crato. Chapado do Araripe. Parque Nacional do Araripe. Plateau on summit. Access road east of BR 122, ca. 20 km. south of Crato. Alt. ca. 860 m.

18 Jan 1983.

"Carrasco" formation of densely branched, closely spaced shrubs with rigid, sharp tipped branches

12715. Erythroxylum betulaeum Mart. Erythrox.
(29) det. T. Plowman 1987.
+3

wood
fotos.

Erect shrub to 2.5 m. tall in dense open thicket. Major branches stiffly erect at 45-60° angle. Secondary branches strongly distichous lying in flat planes (appearing as flat sheets of foliage). Leaves newly emerging as a result of recent rains, bright yellow-green. Flower buds small, light green. Bark grey-brown.

Several stemmed.

EAC-3

CEPEC

F

NY

MO

US

K

RB

U

HRB

GH

TEX

R

WEC

SP

SPF

MBM

UB

P

IAN

IPA

INPA

UC

VEN

G

ALCB

WIS

WOOD

Uw

Hw

MADw

JAN 18 1983

Erythrox.

12716. Erythroxylum stipulosum Plowman, sp. nov.

det. T. Plowman 1985.

(23)
+3

Erect slender shrub 3 m. tall in dense, open thicket. Main trunk straight. Branches sinuous, rather stiff but not rigid. Bark greyish brown to tan. Stipules light yellowish to reddish brown. Leaves newly emerging as a result of recent rains, light yellow-green. Sterile.

Single-stemmed.

①
WOOD-Uw
fotos. RB
MBM
IPA
HRB
ALCB
SP
UB
R
EAC-3
CEPEC
F
NY
MO
US
K
M
U
P
G

12717. Erythroxylum vacciniifolium Mart. Erythrox.

Det. T. Plowman

(21)
+3

Leaf anal.
WOOD Uw, MAD
fotos

Erect shrub or small tree to 7 m. tall with densely branched columnar shape, growing in open dense thicket among shrubs in carresca formation, locally dominant. Bark light grey-brown. Wood reddish. Leaves shiny dark green above, shiny lighter green beneath. Sterile.

EAC-3
CEPEC
F
NY
US
GH
MO
K
G
P
UB
RB
MG
INPA
U

"n.v. catuaba pau": bark is scraped off in ^{strips} and sold as aphrodisiac herb in markets.

12718. Erythroxylum loefgrenii C. Diogo Erythox.
(17)

EAC-3

CEPEC

F

NY

MO

K

RB

SP

R

M

SPF

HRB

IPA

Gr

US

Shrub 4 m. tall with one to several trunks. Bark dark greyish brown.

Branches mainly in upper part of stem, ~~the~~ branching in 3-dimensions to form dense mass of stiff-tipped branchlets, sharp to the touch.

Newly emerging leaves resulting from recent rains. Leaves light yellowish green. Flower buds yellowish green.

WOOD: Hw, MADw, Uw

12719. Erythroxylum loefgrenii C. Diogo Erythox.
(7) (same as 12718)

WOOD: Hw
Uw
MADw

Shrub 1.5 m. tall with one main trunk growing in open dense thicket.

Rest same as 12718,

EAC

CEPEC

F

NY

K

US

12720. Ximenia intermedia (Chod. + Haussl.) ^{ex desc.} DeFilipp / Olacac.

F (4) Armed shrub 3 m. tall at edge
of Cerrasco formation along road.
Fruits pendulous, immature, green.

Det. T. Plowman 1983.

"Agreste" formation, adjacent to
"Cerrasco" but containing different
species composition and differ-
ent aspect. Open bare ^{yellow} red-sandy
areas or grassy areas with
scattered tree and shrub islands,
similar to "Cerrasco" but without
Trechypogon etc. Exposed to frequent
(annual?) fires.

12721. Tocoyena formosa (Chod. + Schlecht.) ^{K. Schum.} Rubiac.
_{ssp. FORMOSA}

(2) Solitary shrub 1.5 m. tall in
open area. Flowers cream;
fragrant of gardenia. DET. A. L. PRADO 1984

12722. Eugenia ^{Myrtac.}

(4) Erect stiff shrub 4 m. tall in
tree island. Fruits green, turning
bright red.

det. L. Lendrum 1986.

EAC
CEPEC
F
NY

12723. Byrsonima Malpigh.
 F (4) Shrub 2 m. tall in open
 EAC grassy area. Immature fruits
 MICH green.
 K

- 12723A. Duguetia furfuracea (St. Hil.) Benth. Annon.
~~Annona~~ det. H. León 1985
 (5) Common shrub to 3 m. tall with
 EAC spreading branches in "agreste" area,
 CEPEC forming shrub islands in open grass-
 F woodland. Immature fruits yellow-brown.
 U
 WIS

12724. Vismia guianensis Choisy Guttif.
 (3) Low shrub 1 m tall with spread-
 EAC ing branches in "agreste" area in
 F open grass-woodland. Young growth
 BM and sepals ferruginous. Petals
 cream. det. A. Fernandes 1983.

12725. Caryocar coriaceum Wittmack Caryocar.
 fobs (4) Det. T. Plowman 1983. I. Q. T. Preuss '83
 EAC Frequent tree 8 m. tall in "agreste"
 F area of open grass-woodland.
 NY Fruits immature, green, about 6 cm
 INPA diameter.
 "u.v." piqui - extensively gathered
 here for sale in ~~markets~~ as edible

JAN 18 1983

fruit (pulp around seeds) and
for making oil from the pulp
by boiling.

12726. Casearia grandiflora Combess. Flacout.
(2) Shrub 1 m. tall with spreading
branches. Flowers cream.

EAC
F

12727. Erythroxylum suberosum St. Hil. Erythrox.

(4)

Det. T. Plowman

EAC.
F
NY
K

Low shrub 80 cm. tall in open
bare area in "agrestis" formation
of grass-woodland, with corky
stems. Immature fruits green.

JAN 19 1983

BRAZIL: Estado do Ceará. Municipi-
piã de Crato. Crato. Outskirts
of town along highway BR-122.
to Uxá.

19 JAN 1983

no. 11
12 labels

12728. Serjania

Sapind.

(4)

EAC. K
F MO

Aggressive vine 3 m. tall among
shrubs in open thicket. Fls. cream!
Unripe fruits light green.

12729. Solanum paniculatum L.

Solanac.

(2)

EAC
F

Tall shrub 3 m. in open thicket
along path. Flowers light blue-violet.

det. M. Nee 1983

12730. Pavonia sidifolia H.B.K.

Moluc.

(4)

EAC
F
TAES
CTES

Sprawling suffrutescent herb 2 m.
tall in open thicket. Flowers pale
yellow with dark red center. Stems
yellow. det. P. Fryxell 1983. !1991

12731. Dalechampia scandens L.

var. pernambucensis
(Baill.) Euphorb.
Par i K. Hoffm.

(4)

EAC K
F DAV

Twining vine with irritating hairs.
Bracts light green.

det. M. J. Huft 1983

→ Gaya grandiflora Baker det. Krapovichas 1984.
det. P. Fryxell 1983

12732. Gaya elingulata Krapov.

Moluc.

(5)

K
CTES
F
EAC
TAES

Suffrutescent herb along trail in open
roadside thicket. Fls. bright orange.

JAN 19 1983 BRAZIL: Estado do Ceará. Município de Crato. Chapada do Araripe. Parque Nacional de Araripe. Highway BR-122 ca. km. 10 from Crato on lower slopes of Chapada. Alt. ca. ⁸²⁰700 m.

19 Jan 1983,

L. LONGAC. DET. M. KAENLER (SPF) 2010
Lundia cordata DC. det. A. Gentry 1983

12733. Pyrostegia (first fruiting collection) Bignon.

(4) Woody vine in dense roadside thicket. Calyx pale green. Corolla tube in bud red, becoming deep carmine pink at anthesis. Fruits brown.

HLA
seed-182335

EAC
F
MO
K

12734. Pithecoctenium crucigerum (L.) A. Gentry Bignon.

(4) Woody vine in dense roadside thicket. Corolla pure white.
det. A. Gentry 1983.

MO
EAC
F

12735. Dioclea rostrata Benth. Legum.

(4) Large woody liana in dense roadside thicket. Fruits yellow-brown. det. A. Fernandes 1983.

EAC
CEPEC
K
F

12736. Dalechampia sylvatica Sp. Moore Euphorb.

(6) Herbaceous vine in dense roadside thicket. Bracts white.

F
EAC
DAU
NY
K

det. M. J. Huft 1983

12737. Ichnanthus bambusiflorus Doell Gramin.

(5)

Tall scandent grass 3 m. tall
on open bank. Naked culms shiny
dark brown. det. G. Davidse 1983

F
EAC
MO
K
UB

12738. Psiguria ternata (M.J. Roem.) C. Jeffrey Cucurb.

(5)

Herbaceous vine in open roadside
thicket. Corolla rose-pink.
det. C. Jeffrey 1983.

EAC
CEPEC
NY
K
F

JAN 19 1983

BRAZIL: Estado de Ceará: Município
de Crato. Chapada do Araripe.
Parque Nacional do Araripe.
Disturbed dry forest at base of
Chapada along highway BR-122 ca.
km 7-8 from Crato
Alt. ca. 700 m.

12739. Clidemia bullosa DC. Phelast.
(3) Shrub 1.5 m. tall in moist
ravine. Flowers white. det. J.J. Wurdack
1983

F
EAC
US

12740. Faramea nitida Benth. Rubiac.
(5) Shrub 2.5 m. tall in moist
ravine. Leaves stiff coriaceous-
papyraceous. Corolla pure white.
det. P. Matekaitis 1983

EAC
CEPEC
F
UB
NY

12741. Psychotria hoffmannseggiana (Willd. ex R. & S.) ^{M. A. B.} Rubiac.
(5) Erect shrub 60 cm. tall
moist low area in forest. Infl.
nodding. Corolla white.
det. P. Matekaitis 1983

EAC
CEPEC
F
NY
UB

12742. Psiguria umbrosa (Kunth) C. Jeffrey Cucurb.
(4) Herbaceous vine among shrubs
in open dry forest on hillside.
Corolla bright orange.
det. C. Jeffrey 1983.

F
EAC
K
NY

Psychotria colorata (Willd. ex R. & S.) M. Arg.

12743. Psychotria (Cephaelis) subsp. colorata Rub.

(6) Shrub 1.5 m. tall in moist

seed → HLA 18.331.
EAC
CEPEC WB
NY
recline in forest. Peduncle and bracts red-purple. Corolla red-purple. Fruits sky blue. det. P. Matekaitis 1983

12744. Piper arboreum Aubl.

Piperac.

FAC
NY
(3) Shrub 3 m. tall in moist ravine in forest. Spikes erect cream. det. R. Calleja 1983

12745. Cyathea delgadii Sternb.

Fern.

(7) Tree fern 6 m. tall along small stream in ravine in forest. Only one individual seen. ^{blade} ~~leaf~~ 2 m. long; petiole 50 cm, with 13 major pinnae per side. Trunk slender 3 cm. diam. det. R. G. Stolze 1983.

EAC
CEPEC
F-2
GH
NY
K

12746. Metastelma

Asclep.

F (5) Twining vine with latex in moist open area in ravine in forest. Flowers creamy white.

EAC
NY
CEPEC
VEN

12747. Smilax

Liliac.

(3) Armed liana in moist ravine in forest. Flowers light green.

EAC
F

JAN 19 1983

12748. Floscopa glabrata (Kunth.) Hassk. Commel.

F (3) Spreading herb in low
GAC moist rather open area in forest.
US Flowers white. det. R.B. Faden 1983.

12749. Adenocalymma divaricatum Miers Bignon.

F (5) Woody liana in open roadside
GAC K thicket. Corolla deep yellow.
MO NY det. A. Gentry 1983

12750. Dichorisandra perfoliata C.B. Clarke Commel.

US (4) Rosette herb on hillside in
EAC K open dry forest. ~~Stems underground.~~
F Roots producing fleshy storage tubers.
fotos Leaves lying flat. Sterile.
Time: Sucre Faden Only one small colony seen.
det. R. Faden 1983.

12751. Miconia ibaguensis (Bonpl.) Triana Melast.

F (4) Shrub 2 m. tall in moist
EAC RB or vine in forest. Ripe fruits
US Shiny purple-black. det. J. J. Wurdach 1983

12752. Adenocalymma divaricatum Miers Bignon.

EAC (3) Low Spreading vine among shrubs
F in roadside thicket. Flowers pale
MO yellow. FRs. shiny light green.
det. A. Gentry 1983.

12753. Anemopaegma scandens (Vell.) Mello ^{K. Schum.} ex Bignon.
 EAC (2) Sprawling vine on disturbed open
 roadside. Corolla tube pale yellow,
 lobes cream. det. A. Gentry 1984.
12754. Banisteriopsis stellaris (Griseb.) Gates Malpigh.
 F (2) Scandent shrub 2 m. tall on
 EAC open road bank. Flower buds cream.
 det. B. Gates, 1983.
12755. Tournefortia Borag.
 F (2) Scandent shrub (or vine) on
 EAC steep open road bank. Flowers white.
 Fruits green.
12756. Croton betaceus Baill. Euphorb.
 (4) Erect herb 1 m. tall in moist,
 EAC somewhat open ravine in forest.
 F NY Flowers yellow. det. M. J. Huft 1983.
12757. Croton jacobinensis Baill. Euphorb.
 EAC (3) Shrub 2 m. tall with long
 F trunk, branching ~~towards apex~~
 K Flowers cream. In forest margin
 and moist clearings.
 det. M. J. Huft 1983.

Zingib.

12758. Renealmia thyrsoides (R. + P.) P. + E.UNICATE
EAC

(1)

Tall herb 2.5 m. tall in moist
ruvina i forest. Immature fruits
light red.

Det. T. Plowman

12759. Alibertia concolor (Cham.) Schum. Rubiac.

(3)

F
EAC
NYShrub 2 m. tall in dry open
forest on hillside. Ripe fruits
black.

det. P. Matekatis 1983

s.l.

12760. Dichorisandra hexandra (Aubl.) Standl. Commel.

(3)

P
EAC
USmuch branched climbing
herb in low, moist clearing in
forest. Leaves above a peculiar
greyish green color, somewhat
shiny. Flower buds blue.

det. R. B. Faden 1983.

Fortaleza, Mercado Central. 22 Jan 1983.

12761. Erythroxylum vacciniifolium Mart. Erythrox.

(1)

n.v. "catuaba pau"

Det. T. Plowman

Bark purchased in market.
It is cut into small pieces and
added to pinga (cachaça)
as in ephrodisiac.

CR 1400 =

JAN 27 1983

BRAZIL: Estado da Bahia. Município de Salvador. Road from Itapua to Aeroporto 2 de Julho (BA 033, Av. Otávio Mangabeira) at first large traffic circle (rotunda) at intersection with Avenida Luiz Viana Filho (Avenida Paralela). Approx. 12°55'S, 38°21'W. Relict area of high dunes.

27 Jan 1983. Coll. T. Plowman

12762. Tabebeia elliptica (DC) Sandw. Bignon.

F (6)
CEPEC
MO HRB
K
NY

Erect treelet 1-3 m. tall in shrub islands in dunes. Corolla white, ^{with brown} ~~with~~ yellow nectar guide in throat. Det. A. Gentry 1983.

12763. Kielmeyera reticulata Saddi sp. nov. ined. ^{Clusiaceae} ~~Flac.~~

CEPEC (3)
F
K

Erect treelet 2 m. tall in shrub island. Stem with clear yellowish sap. Fruits pale brown.

12764. Epidendrum cinnabarinum Salzm. Orchid.

(3) Terrestrial herb to 1 m. tall growing in shrub island in dunes. Tepals light orange. Lip light orange with yellow excrescences at base.

foto K SEL
CEPEC
F

live-Dimitri

Det. T. Plowman

JAN 27 1983

12765. Encyclia dichroma (Lindl.) Schlecht. Orchid.

(14) Terrestrial orchid among
F RB shrubs in shrub island in dunes.
fotos SEL Tepals light red-violet. Lip deep
CEPEC red-violet. Det. T. Plowman
live - Dimifri

12766. Psittacanthus dichrous Mart. Loranth.

(2) Hemiparasite on
F treelet in shrub island in dunes. Det. T. Plowman
CEPEC Corolla bright red. Det. T. Plowman

12767. Eugenia sp. Myrtac.

F (4) Low shrub 60 cm. tall in shrub
CEPEC NY island in dunes. Flowers pale
white. det. L. Landrum 1986.

12768. Ternstroemia Theac.

F (9) Shrub 2.5 m. tall in shrub
CEPEC NY K HBG island in dunes. Immature fruits
light green.

12769. Guettarida platypoda DC. Rubiac.

(3) Stiffly branched shrub 1.5 m.
F tall in shrub island in dunes.
CEPEC Corolla tube and abaxial surface
of petals pale red. Adaxial surface
of petals cream. det. P. Matekaitis 1983

JAN 27 1983

12770. Erythroxylum leal-costae Plowman Erythrox.
 (18) det. T. Plowman 1983. sp. nov.
 +3

wood {Hw
 fotos {Lw
 MADW

CEPEC-3
 F-2

NY
 MO
 US
 GH
 K
 RB
 UB
 ALGB
 HRB
 GT
 P
 U
 MBH
 WU

Shrub or treelet to 3 m. tall growing in shrub islands on upper slopes and top of high dunes. Trunk to 6 cm. diameter. Bark grey to dark brown, longitudinally and transversely striate. ^{outer} Bark reddish, thick, 0.5-0.6 cm. thick. Densely branched forming broad spreading crown. Branchlets stiff, dark grey. Leaves coriaceous, medium to dark green above, ^{dull} with yellow midrib; leaves beneath ^{yellowish} pale green, dull, the secondary nerves fine, darker green. Some leaves turning yellow; some individuals deciduous. Sterile. Locally common at this locality.

12770A. Erythroxylum leal-costae Plowman
 (1) Young plant near 12770.
 unicate

JAN 27 1983

ISOTYPE

12771. Krameria BAHIANA B.B. SIMPSON Krameriac.

(5) CEPEC
F
TEX
K
NY Sprawling, often nearly prostrate shrub on open dunes between shrub islands. Sepals deep pink. Clawed petals: claw white; limb deep red purple. Glands dark red purple.

Det. T. Plowman

12772. Vellozia dasytus Seub. Velloziac.

(4) fotos
K
CEPEC
F
US
SP Low erect shrub to 40 cm. tall forming small clumps in open dunes between shrub islands. Tepals light violet. det. L.B. Smith 1983.

12773. Smilax Like.

(3) CEPEC
F
NY Tough vine among shrubs in shrub island in dunes. Immature fruits green.

→ Dioscorea cinnamomifolia Hook. det Kew 1985.

12774. Dioscorea sincorensis R. Knuth Dioscor.

(6) K
GH
CEPEC
F Slender vine among shrubs in shrub island in dunes. Flowers yellow green. Tuber discoid, 15 cm. diam., 4-5 cm. high dirty orange within. det. F. Ayala 1984.

12775. Kielmeyera argentea Choisy ~~Glusiaceae~~ ^{Glusiaceae}

(4) fotos
NY
K
CEPEC
AB
F Shrub to 1.5 m. tall in shrub island in dunes; sometimes low with spreading branches. ~~Red~~ Milky orange sap in stem. Petals white

Det. T. Plowman

JAN 27 1983

Anthers keep yellow. Very frequent.

12776. Croton brasiliensis (Spreng.) Muell. Arg. Euphorb.
(54) Low shrub to 1 m. tall at edge
of shrub island in dunes. Flowers
creamy white. Leaves shiny,
rubbery. det. M.J. Huft 1983.
CEPEC RB
F
NY
K

12777. CALYCOLPUS LEGRANDII MATTON Myrtac.
(4) Shrub 1.5 m. tall in shrub
islands in dunes. Sepals pale green.
Petals and filaments white.
DET. B.K. HOLST 1989, L. LANDRUM 1989
CEPEC RB
F
NY

12778. Croton sellowii Baill. Euphorb.
(4) Low shrub 80 cm. tall at margin
of shrub island in dunes.
Flowers creamy white.
det. M.J. Huft 1983.
CEPEC RB
F
NY

12779. Hyptis blanchetii Benth. Labiat.
(4) Erect shrub 2-5 m. tall in
shrub island in dunes. Flowers
pale violet.
det. T. Plowman 1983.
CEPEC
F
NY
K
RB

JAN 27 1983

12780. Erythroxylum leal-costae Plowman Erythrox-
(6) det. T. Plowman 1983.

(A)
CEPEC
F
K
NY
HRB

Shrub 1.5 m. tall at edge of
Shrub island on summit of dunes.
Deciduous. Newly formed leaves
medium to light green above,
with pale green midrib; leaves
pale green beneath. Sterile.

12781. Emmotum affine Miers Icacin.

(4)
CEPEC
F
K
NY
island in dunes. Flowers creamy
white. Fruits green. Det. T. Plowman

12782 Chiococca itapuanza Plowman, Sp. nov. Rubiac.

(3)
CEPEC
F
NY
K
Shrub 1.2 m. tall in margin
of shrub island in dunes.
Corolla creamy yellow. Immature
fruits light green. det. T. Plowman 1983

12783. Duguetia moricandiana Mort.
~~Annona~~ det. T. Plowman 1983. Annonac.

(4)
CEPEC
F
K
Erect shrub 3 m. tall in
shrub island in dunes. Branches
vertical. Flowers yellow. !HE & MAAS 1970

F NY 12784. Peperanthus Eriocaulac.
CEPEC
fotos (3)
Erect herb in open dunes between
shrub islands. Flowers ^{creamy} white. Rare.

BRAZIL: Estado da Bahia:
Município de Maracá. Estrada
Ubaitaba - Ponto do Mutá,
ramel no km. 71 de Ubaitaba,
entrada para o Sítio "São Marcos".
Restinga. 14° 45' 38" S 38° 58" W.

2 Feb 1983.

Coll. T. Plowman & A. M. de Carvalho.

12785. Erythroxylum andrei Plowman Erythrox
(22) sp. nov.

(+3)

Shrub 2.5 m. tall with several
trunks branching from base,
growing in margin of restinga
forest. Branches erect-spreading;
branchlets sinuous. Leaves
shiny, medium green above with
yellowish midrib; shiny light
yellow green beneath. Flower
buds on new growth, yellowish.

(A) → fls.

WOOD

ANAL.

CEPEC

F

MO

NY

K

GH

US

RB

UB

HRB

ALCB

G

P

SP

U

"carvalhoi"

WOOD:

Uw

MADw

MBM B
R GUA
LE
UEC

FEB 2 1983

12786. Erythroxylum andrei Plowman Erythrox.
(8) sp. nov.

(+3) Erect treelet 3.5 m. tall with
single trunk 2 cm diameter,
~~expanded~~^{dilated} somewhat at base.

wood

Lvs. anal.

CEPEC
NY LIB
GH RB
K HRC
US

growing in low restinga forest
on white sand. Leaves dark
shiny green above, with yellow-
green midrib; shiny pale
yellow-green beneath. Sterile.

12786A. Erythroxylum andrei Plowman Erythrox.
(1) sp. nov.

unicate
F

sapling [under 12786]. Growing
in low restinga forest on white sand.
Leaves dark shiny green on upper surface
with pale yellow midrib; shiny, pale yellow-
green on lower surface.

Brazil: Bahia: Itabuna. CEPLAC. 1

1 Feb 83

No specimen

12786B. Heliconia

Musec.

photos

Herb 3-4 m. tall in capoeira.
Infl. pendulous. Bracts red. Flowers
HLA 83.333. white.

FEB 3 1983

BRAZIL: ESTADO DA BAHIA: Município de
Maracá. Ponte da Mutá. Sítio
Campinho. Near sea level.
3 Feb. 1983. 38°39'W, 13°55'S.

12787.

Malvac.

(1)

CEPEC

unicate

Ruderal weed growing beside
houseyard. Flowers yellow.
n.v. "malva" = remedy for inflammation.

12788. ~~Lantana~~ Lippia alba f. intermedia Mold. Verbenac.

(4)

Cultivated shrub 1 m. tall.

CEPEC

F
NY
K

Flowers pale lavender.

Leaves very aromatic with odor
of lemon.

n.v. "erva ~~cidreira~~ cidreira" = "medicinal,
calmente." Taken as tea with
sugar. det. H. Moldenke 1984.

12789. Theretia peruviana (Pers.) K. Schum. Apoc.

(3)

Ornamental shrub 3 m. tall

CEPEC

F
K

Cultivated in houseyard. Flowers
yellow.

n.v. "maravilha"

FEB 3 1983

12790.

(2)

CEPEC

F

Cultivated ornamental herb.
Stem, petioles and lower surface of
leaves red-purple. Inflorescence
white.
n.v. "breço"

Am. Br. Th.

12791.

(3)

CEPEC

F

US

Tibouchina grandifolia Cogn. Melast.
Cultivated shrub 3-m. tall
in houseyard. Petals deep purple.
n.v. "mandururu do jardim"
det. J.J. Woodcock 1983.

12792. Acanthospermum hispidum DC. Comp.

(2)

CEPEC

F

det. M. Dillon 1983.
Weed growing near houseyard.
Flowers yellow-green.
n.v. "malvazinha" = medicinal,

12793.

(1)

CEPEC

unicate

Comp.
Herb cultivated in houseyard
Foliage aromatic. Inflorescence
pale pink.
n.v. "bamborra" = medicinal.

cumingiana (K. Presl) F. - Vill. FEB 3 1983

12794. Polyscias filicifolia (C. Moore ex Fourn.) L. Bailey / Ariz. ^{2 m. tall}

(2) Cultivated shrub in houseyard.

CEPEC Inflorescence terminal, branching,
pendulous.

Det. T. Pownall

n.v. "croto" det. P. P. Lowry 1986.

12795. Duranta repens f. alba (Masters) Matuda Verbenac

(3) Cultivated ornamental shrub

CEPEC 2.5 m. tall in houseyard. Flowers
white. Fruits orange.

F
NY

n.v. "pingo de prata" det. H. N. Moldenke
1984.

12796. Breynia disticha J. R. Forst. + G. Forst. Euphorb.

(2) Cultivated ornamental shrub

CEPEC

F

2.5 m. tall. Some leaves variegated
with white splotches. Flowers
pale green.

n.v. "croto"

→ Breynia disticha J. R. + G. Forst. forma nivosa (Bull)
det. M. J. Huft 1983 Croizat

12797. Pseuderanthemum atropurpureum (Bull) Bailey Acanth.

(2) Cultivated ornamental shrub

CEPEC

F

2.5 m. tall in houseyard. Corolla
white, red-purple at center around
throat.

n.v. "croto"

det. D. W. Schausen 1984.

FEB 3 1983

12798. Averrhoa bilimbi L.

Oxalid.

(3) n. v. "biri-biri" Det. T. Plowman

F
CEPEC
K

Cultivated tree 5 m. tall in
houseyard. Infrutescences cauli-
florous on trunk and major branches.
Immature fruits yellow-green,
acid

12799. Portulaca

Portul.

F (3)
CEPEC
K

Cultivated herb, trailing on
ground. Flowers yellow.
n.v. "onze horas"

12800. Tabernaemontana PANDACAQUI LAM. Apoc.

F (3)
CEPEC
WAGT

Cultivated shrub 2.5 m. tall
in houseyard, with milky latex.
Corolla tube pale green, limb white
with yellow throat. No odor.
n.v. "jasmim cafe"

12801. Ocimum gratissimum L. det. R. M. Harley 1983.

Labiol.

F (4)
CEPEC
K
NY

Cultivated herb in house-
yard. Leaves aromatic. Corolla
greenish white.

n.v. "quioio" = taken internally &
externally as remedy.

12802. Justicia gendarussa Burm. f. Acanth.F
CEPEC
US
(3)Cultivated shrub in houseyard,
1.5 m. tall. Stem and petiole black.
Corolla cream, tinged with dark
red.n. v. "tirstema" = cooked for
"banhos"

det. D. Wasshausen 1983

FEB 4 1983

BRAZIL: Estado da Bahia: Município
Ituberá. Km. 11 na estrada (BA-)
Ituberá - Valença. ^{1-2 km no} Remo de acesso
à Estação da Telebahia.

Mtz. costeira. 13°40'S, 39°07'W

4 Feb 1983

Coll. T. Plowman + A. M. de Carvalho

12803. Erythroxylum mucronatum Benth. Erythrox.

(10)
+3

Det. T. Plowman

fotos
Lvs. anal.
F
CEPEC

lvs AF.

MO
K
NY
SP
RB
HRB

GH
GH
COL

Single-stemmed shrub 3 m.
tall in margin of disturbed primary
forest. Leaves shiny dark green above,
with yellow-green midrib, somewhat shiny;
light green, somewhat shiny beneath.
Stipules reddish brown. Petals pale
yellow. Immature fruits pale
green. Short-styled plant.

12804. Erythroxylum nobil O.E. Schulz Erythrox.

(6)

Det. T. Plowman

fls. → (A)

CEPEC
F
us

SP
NY
L

fotos

Treelet 5 m. tall in disturbed
primary forest. Branches few,
horizontal. Stipules yellow-green,
turning dark brown. Leaves at tips
of branchlets, shiny dark green above;
pale yellowish green, dull, beneath;

FEB 4 1983

with yellow-green midrib. Buds
creamy yellow. Petals white.
Long-styled plant.

12805. Erythroxylum martii Peyr.

Erythrox.

(11)

Det. T. Plowman

folios

FR → (A)

WOOD: ^{Hw} MADW
lvs. ^{Uw}

CEPEC

U

F

BR

NY

GH

K

RB

SP

MO

MBM

~~MBM~~

Shrub 3.5 m. tall with 5 trunks
arising from base. Growing in
margin of disturbed primary forest.
Leaves dark green shiny above
with light green midrib; light
green, shiny beneath with light
yellow-green midrib. Stipules light
yellow-green, turning reddish
brown. Immature fruits shiny,
pale green.

12806. Erythroxylum mucronatum Benth.

Erythrox.

(9)

Det. T. Plowman

CEPEC

VEN

F

ALCB

MGT

GH

MBM

B

NY

Single-stemmed shrub 2.5 m.
tall in margin of disturbed primary
forest. Leaves shiny, dark green above
with yellow-green midrib, shiny;
light green, somewhat shiny beneath.

FEB 4 1983

Stipules reddish brown. Petals pale yellow. Buds yellowish green. Short-styled plant.

12807. Scleria bracteata Cav. Cyperac.
(5) det. Dennis Adams 1983.

CEPEC
F
NY
K
RB

Climbing-scandent sedge to 5 m. forming dense thickets in partially cleared forest. Leaf margins with sharp, tearing edges. Inflorescence green.

HUEFS 12808. Erythroxylum nobile O.E. Schulz Erythrox.
CEPEC (10)

F RB MO
K HRB U
GH
WOOD B
[LWE-AE] MBM
ivs. 2126.

Det. T. Plowman

Slender tree 8 m. tall x 3 cm. diam. growing in cut-over primary forest. Branches few, horizontal. Leaves at tips of branches.

photos

Flowers creamy white. Long-styled plant.

12809. Erythroxylum squamatum Sw. Erythrox.

CEPEC (1)

Det. T. Plowman

Sapling 60 cm. tall. Leaves shiny medium green (above), shiny light green (beneath).

live?
unicate

Same locality. 5 Feb 1983.

12810. Erythroxylum cuspidifolium Mart. Erythrox

(20)
+3

Det. T. Plowman

Tree 10 m. tall x 6 cm. diameter

WOOD
JUS → 2nd l.
buds (6)

ter growing in disturbed primary forest. Branches ^{horizontal} ~~stirred~~, rather distant. Trunk very straight with dark brown bark; bark reddish within. Secondary branches lying in one plane, leaves and branchlets ^{plagiophyllous} leaves medium green above, shiny, arching with somewhat wavy margins; leaves pale green beneath, somewhat shiny. Flower buds pale yellow, appearing in the axils of remanent on short shoots. Stipules light green.

CEPEC

F
NY
K
GTH
US
MO
RB
UB
HRB
SP
GT
MBM
B
VEN
SPF
U
TEX
GB
BR

Only one individual seen.

[± soft wood.]

WOOD
UW
MAD ~

FEB 5 1983

Erythrox.

12811. Erythroxylum mucronatum Benth.

(10) Det. T. Plowman

Shrub 3 m. tall in margin of forest. Leaves dark green, shiny above; medium green shiny beneath. Flowers creamy white. occurring in more disturbed sites.

(A) → fl
CEPEC UB
F ALCB
GH INPA
US U
RB K
HUEFS

12812. Erythroxylum tenue Plowman

Erythrox

(120)
(Five A.F.) + 3
wood
folos
(A) → fls.
US-2421.

slender, TYPE

Erect single-stemmed shrub 3 m. tall. Branches horizontal, plagiotropic. Bark dark brown.

Branchlets and leaves lying in one plane. Leaves medium to dark green above, shiny; very pale glaucous green beneath, nerves not apparent. Flowers solitary in axils of previous season's shoots. Calyx yellow-brown. Petals dirty-yellowish, ligule white.

Short-styled plant.

[± Hard wood.]

CEPEC R
F UB
NY RB
K HAB
MO SP
US MBM
GH ALCB
LE IPA

WOOD
Uw Hw
MADw

12813. Erythroxylum squamatum Sw.

Erythrox.

(7)

Det. T. Plowman

CEPEC
F

(live AF)

NY

GH

K

RB

SP

→ Shrub 1.5 m. tall (immature)
growingⁱⁿ understory of disturbed
forest. Bark light brown.

Leaves medium green, shiny above,
with somewhat impressed;
lighter green, somewhat shiny
beneath. Sterile.

Occasional.

12814. Erythroxylum nobile O.E. Schulz Erythrox.

(12)

Det. T. Plowman

FLS → (A)
FR -

CEPEC

F

ALCB

UB

G

US

MBM

NY

RB

SPF

Mo

TEX

Slender Shrub 1.5 - 3 m. tall with
single stem; Stem shiny, pale grey-
brown. Leaves dark shiny green
above with pale green midrib; very
pale, glaucous, dull green beneath.
Flowers creamy white.
Fruits pale, dull orange-red.

SEP 5 1983

12815. Erythroxylum martii Peyr.

Erythrox.

(3)

Det. T. Plowman

CEPEC
F
MBM
NY

Shrub 2.5 m tall in margin of forest. Leaves shiny dark green above; pale green shiny beneath. Immature fruits shiny, light green.

12816. Erythroxylum nobile O. E. Schulz

Erythrox.

(2)

Det. T. Plowman

CEPEC
F

Erect shrub 2.5 m. tall in disturbed forest. Leaves medium green, shiny above; very pale green, dull beneath. Flower buds creamy white.

BRAZIL: Estado da Bahia.
Município de Valença.
km. 9 na estrada Valença -
Guzibim. Restinga on white
Sandy soil. 13° 18' S, 39° 00' W

6 Feb 1983.

12817. Erythroxylum mikanii Peyritsh Erythrox.
(17) det. T. Plowman 1983.
+3

fotos
F
CEPEC

Shrub 1.5 m. tall with 3 main
stems, growing in margin of shrubby
thicket in disturbed Restinga.
Twigs and ramments reddish brown.

live AF

Leaves shiny, medium green (above);
pale glaucous green, dull (beneath).
Flowers in axils of last season's
ramments. Buds pale yellow.
only one seen.

RB GH
NY MO
K MBM
SP US
ALCB W
HRB W
UB SPF
G INPA

12818. Erythroxylum splendidum Plowman sp. nov. Erythrox.
(11) TYPE

live AF. (+5)

fotos
WOOD
lvs. anal.
FI, FR (A)

Slender treelet 5 m. tall growing
in disturbed Restinga on white
sand. Trunk dark brown, 2 cm in
diam. Branches few, horizontal,
plagiotropic; branches and twigs

CEPEC-Holotype
F US RB G
K UB
NY HRB
SP

FEB 6 1983

dark reddish brown with pale brown
 lenticels. Leaves plane, dark shiny
 green above; somewhat lighter green,
 shiny beneath. Flowers solitary ~~1~~
 to 3, in axils of last and current
 season's growth, creamy white.
 Fruits light red-orange.
 Long-styled plant.

WOOD
 Hw
 MADW
 Un

12819. Erythroxylum splendidum Plowman sp. nov. Erythrox.
 photos (4)
 CEPEC
 F
 RB
 K
- ✓ Shrub 1.3 m. tall (immature)
 in disturbed restinga, near 11818.
 Branchlets reddish brown.
 Leaves dark green, shiny above,
 with lighter green midrib;
 leaves lighter green beneath,
 shiny. Sterile.

7 Feb 1983. Volença.

Carvalho 1499 - Solanum → Weimela
 " - Xylopia? → "

MO.
 NY
 US
 HRB
~~AEHB~~
~~CHB~~
 IPA
 SPF
 MBM

BRAZIL: Estado da Bahia. Município
de Morrecás. Km. 7 da estrada
Morrecás/Contendas do Sincorá. Afloramento
rochoso no lado sul da estrada. Alt.
850-900 m.

9 Feb 1983. Coll. T. Plowman + A. M. de Carvalho

12820. Erythroxylum polygonioides Mart. Erythrox.
Det. T. Plowman

(18)
+5

fl → (A)
WOOD: UW
lus → anal
fotos.

CEPEC us

F
NY HRB
K M
GH BR
H BR
RB SPF
G
ALCB
MO
P
MBM
B

Shrub 1 m. tall with one main
trunk, growing among shrubs in
dense caatinga. Stipules light yellow-
green, turning brown. Leaves shiny
medium green above with slightly
impressed nerves; margin strongly
undulate; leaves beneath pale
green, slightly shiny, with veins
darker green. Flower buds pale
yellow, cream at anthesis.
Long-styled plant. Occasional.

cf. befgrenii C. Diogo

12821. Erythroxylum betulaceum Mart. Erythrox.
Det. T. Plowman

CEPEC (11)
K +5
F

Erect shrub 2 m. tall with 3 main
trunks. Branches dichotomous, lying
in one plane. Leaves dark green, dull
leaves above with slightly raised nerves.

twigs → A
Stem WOOD: UW
Leaves

FEB 9 1983

pale yellowish green, somewhat shiny
beneath. Flower buds pale green,
in the axils of short shoot remnants.
Very frequent.

12822. Erythroxylum polygonoides Mart. Erythrox.

(A) (15)

Det. T. Plowman

Shrub 1.5 m. tall with single
stem growing among shrubs in
dense castings. Stipules light
yellow-green, turning brown.
Leaves ^{oblate} beneath medium green, shiny with
somewhat impressed nerves, margins
undulate; beneath pale green,
somewhat shiny especially within
central panel; veins darker green.
Flowers in the axils of last seasons
remnants; Buds pale yellow. Flowers
cream.

Short-styled plant.

CEPEC

F

NY

K

G

MO

RB

SP

HRB

GTH

US

UB

MBM

IPA

BR

FEB 9 1983

cf. befgrenii C. Diogo12823. Erythroxylum ~~betulaecum Mart.~~

Erythrox.

(9)

Det. T. Plowman

+3

Erect shrub 1.8 m. tall with

leaves.

stem wood: MADW

CEPEC

F

NY

K

R

SP

UB

RB

US

several stems; branches in upper part of plant, distichous, lying in one plane. leaves dark green above, dull; beneath pale yellow-green, somewhat shiny, with darker green nerves. Sterile.

Frequent.

12824. Erythroxylum subrotundum St. Hil. Erythrox.

(10)

Det. T. Plowman

+3

Shrub 1.5 m. tall growing on top of road bank at edge of casting. Much branched with many branched, distichous, lying in one plane. leaves newly appearing, bright yellowish green. Flowers in axils of large season's ramments on short-shoots, cream. Long-styled plant.

fotos

lus → 2nd.

CEPEC

F

MO

NY

K

RB

G

HRB

MBM

12825. Erythroxylum subrotundum St. Hil. Erythrox.

(24) Det. T. Plowman

+3

Shrub 1 m. tall growing at edge of roadbank in coating margin. Many trunks arising from base. Leaves newly formed, light green above, dull; paler green, dull beneath, with darker green veins; Branchlets distichous. Flowers appearing at tip of 1st season's short shoots. ~~Petals~~ ^{Petals} creamy-yellow. Anthers ~~filamentous~~ ^{filamentous} and white. Ligule white. Short-styled plant.

CEPEC

F

VEN

P

LE

M

IPA

BR

SPF

NY

UL

US

MO

GH

K

G

RB

UB

ALCB

HRB

SP

MBM

B

12826. Erythroxylum maracasense Plowman Erythrox.

(9) det. T. Plowman 1985.

CEPEC

F

RB

K

NY

UB

IPA

G

US

Fotos

WOOD

MADW

UW

UW

Shrub 1.5 m. tall growing in disturbed coating on hillside below rock outcrop.

Leaves ^{26 cm} medium-dark green, dull; leaves beneath pale glaucous green, dull, veins darker green. Sterile.

FEB 9 1983

no label Maracés. Cultivated in garden of Hotel Maracés

12827. Brünfelsia australis Benth.

(5)

us. "manaca" Det. T. Plowman

Cultivated shrub 3 m. tall in garden. Calyx pale green, tinged with purple. Corolla tube light violet. Corolla limb deep blue violet, with yellow spot at throat. Corolla turning pure white.



F
CEPEC
K
RB
BH

FEB 10 1983

BRAZIL: Estado da Bahia. Município de Jequié. Km 7 na estrada Jequié / Ipiacú. Alt. 320 m.

10 Feb 1983.

Coll. T. Plowman & A. M. de Carvalho.

12828. Erythroxylum cf. nummularia Peyr. Erythrox.
(6)

(A)

CEPEC
F
NY
K
HRB
RB

Erect shrub 2 m. tall in disturbed, grazed ^{on hillside.} coatiinga. Several trunks arising from base. Lateral branches stiff, short, horizontal. Leaves dark green above, rather shiny, with slightly raised nerves. midrib pale green; ~~leaves~~ beneath light yellow-green, shiny. Sterile. only one plant seen.

BRAZIL: Estado da Bahia. Município de Ilhéus. Estrada Ilhéus-Uba, km. 19. Restinga.
 11 Feb 1983. ^{sítio A} Casa Brava.
 de Camping

12829. Erythroxylum passerinum Mart. Erythrox

(31)

Det. T. Plowman

+4

Tree 8 m. tall x 8 cm. diameter

WOOD { HW
LW
MADW

(A)

10s → 2nd.
fotos

CEPEC

F

NY

US

GH

MO

U

K

G

RB

UB

SP

HRB

ALCB

P

MBM

VEN

IRA

R

UEC

M

LE

B

GUA

SPF

HUEFS

BR.

GB

TEX

ter growing in margin of arboreal restinga on white sandy soil.

Bark pale reddish brown, roughish with longitudinal and transverse fissures, reddish within.

Crown dense, hemispherical.

Leaves dark green, shiny above with slightly impressed nerves and paler green midrib; leaves

beneath shiny, light green, with slightly raised nerves. Flowers in axils of current season's

shoots. Pedicel and calyx light green. Petals creamy white.

Short-styled plant.

Only one seen.

FEB-11-1983

Humirizc.

12830. Humiria balsamifera (Aubl.) St. Hil.

Det. T. Plowman

(5)

Tree 8 m. tall x 8 cm. diameter.
with broad crown. Flowers white.

Fruits light green, turning yellow,
finally wine red at maturity.

frs.

CEPEC

F

NY

K

RB.

FEB 17 1983

BRAZIL: Estado do Rio de Janeiro.

Rio de Janeiro. Jardim Botânico
do Rio de Janeiro.

17 Feb 1983.

these 3
labels
made!

12831. Syzygium aromaticum (L.) Merr. & Perry Myrtac.
(1) nr. cravo da Índia

F Cultivated tree 6 m. tall. Pedicel
and caryx dark red. Flowers pale
pink. Foliage and flowers strongly
aromatic.

foto

12832. Cinnamomum verum J. S. Presl Laurac.
(2) nr. "canela"

F Cultivated tree 12 m. tall x
30 cm. diam. Immature fruits
green. Foliage aromatic.

foto

12833. Markesia viridiflora Solanec.

(1) Cultivated epiphytic shrub
2 m. tall, growing in crotch of tree.
Calyx and corolla light yellowish
green.

F
lwe: O. Sauer

foto

DYSSOCHROA VIRIDIFLORA () DUCKE

DET. A.F. DE CARVALHO 1991

FEB 18 1983

BRAZIL: Estado do Rio de Janeiro.

Município de Maricá. Barra
de Maricá. 22° 58' S 42° 54' W

Coll. T. Plowman, H. C. de Lima, M. de Lima, S. Mayo, A. Mayo

18 Feb 1983.

12834. Neoregelia cuncta (R. Graham) L. B. Smith Bromel.

F (2) Single Terrestrial bromeliad in ^{shrubby} ~~open~~
US RB restinga. Leaves greenish yellow
live: A. Fernando with reddish tips. Bracts light
SEL 83-54 green. Calyx tube white, lobes light green. Corolla
tube white, lobes blue with white margins + base.
det. L. B. Smith

var. aequalis L. B. Smith + Reitz
12835. Aechmea nudicaulis (L.) Griseb. det. L. B. Smith 1983. Bromel.

(2+2) Terrestrial bromeliad with
F horizontal rhizome, growing among
US shrubs in ^{shrubby} ~~open~~ restinga. Leaves
RB ~~light~~ yellowish green adaxially,
(seed: AP) lightly pruinose abaxially.
live, Dimitri
SEL 83-53 Peduncle ~~light red~~: bracts white, apically
light red. Infl. bracts red. Ovary pale yellow, calyx
2nd corolla yellow. Mature fruits light orange.

12836. Cattleya guttata Orchid.

F (2) Erect Epiphyte on limb of low gnarled tree
SEL in dense shrubby restinga. Ovary and
peduncle light green. Tepals fleshy reddish
live - Dimitri dark red to bronze with dark red spots
fokar

on upper surface. Lateral lobes of lip basally white, apically pale pink; central lobe margin.

12837. Dichorisandra Commel.

(4) Erect herb 1.5 m. tall in dense shrubby restinga near the sea. Sepals fleshy, pale blue. Petals dark blue-violet, white at base.

F
US
RB
line K

12838. Vitex polygama Cham. Verbenac.

(2) Erect shrub 1.5 m. tall in dense shrubby restinga. Mature fruits globose, black, shiny, with yellow-brown hairs.

F
RB
seed-HLA
L83.337.

Det. T. Plowman

12839 Melanopsidium nigrum Cels. Rubiac.

(3) Erect spindly shrub 1.5 m. tall in dense shrubby restinga. Immature fruits globose, green, 12-ribbed.

F
RB
NY

12839A.

FEB 18 1983

12840. Erythroxylum ovalifolium Peyr. Erythrox.

(14) Det. T. Plowman

+5

photos

Fe → A

Seed

lvs. → analysis

WOOD

Uw MAD

Hw

Stiff-branched shrub or small tree 5 m. tall x 10 cm. diam. growing in ^{dense} shrub island in restinga.

Leaves somewhat shiny light ^{to medium} green above w. a yellowish midrib; pale green beneath.

Seed: D. Sauer

W. Sauer

R. Montgomery

PTBG

FTGT

G. Schen

Fruits ^{held horizontally} ~~spreading~~ or somewhat pendulous, drooping over (above) adjacent leaves; fleshy, dark red, shiny.

F UB
RB SP
NY GUA
K MO
U MBM
GH B
G

12841. Erythroxylum ovalifolium Peyr. Erythrox

(5)

F
RB
GH
K
NY

Shrub 3 m. tall in disturbed arboreal restinga: lvs. medium green above, paler green beneath. Sterile. Growing in shade of trees.

Det. T. Plowman

12842. Erythroxylum ovalifolium Peyr. Erythrox

(2)

F Tree 8 m. tall x 15 cm. diam. growing in arboreal restinga in partial shade of trees. Leaves somewhat shiny, medium green above,

paler green, not shiny beneath. Fruits dark red, shiny.

12843. Pereskia

Cactac.

- F (2) Scandent shrub 3 m. tall in
RB margin of arboreal restingz. Floral
bracts fleshy, green.

12844. Croton cf. paulinus Muell. Arg. Euphorb.

- F (2) Erect subshrub 1 m. tall growing
RB in margin of arboreal restingz.
Flowers pale green. Immature fruits
shiny, light green. det. M.J. Huft 1983

12845. Passiflora

Passifl.

- F (2) Herbaceous vine in open thicket
RB at edge of arboreal restingz. Bracts and
flower buds green.

12846. Dichorisandra

Commel.

- F (2) Scandent herb to 5 m. tall
US growing in disturbed arboreal restingz.
Calyx fleshy, ^{pink to} light red-violet. Petals
red-violet, white at base.

12846A: Dichorisandra - fruiting plants in margin
of arboreal restingz. HLA L.P. 336
seed only FADEN

FEB 18 1983

12847. Solanum paludosum Moric. Solanac.

F (2) Erect armed subshrub 1.5 m.
RB tall in open thicket in margin of
arboreal restingz. Prickles on older
wood orange. Immature fruits pale
green. Corolla pale yellow. det. M. Nee 1983

12848. SERJANIA DENTATA (VELL.) RADLK. Sapind.

F (2) Vine in open thicket in margin
RB of arboreal restingz. Flowers
cream. DET. P. ACEVEDO 1988

12849. Brosimum guianensis (Aubl.) Huber Morac.

F (2) Treelet 5 m. tall with
RB erect branches. Leaves shiny dark
green above, pale glaucous green
beneath. Inflorescences dark red.
det. R. B. Foster 1987.

12850. Inga heterophylla Willd. Legum.

Photos F (3) Tree 8 m. tall in arboreal
RB restingz. Inflorescences pendulous,
NY Corolla pale green. Filaments white.
= S. Mayo 616 det. C. Niezgodka 1983.

12851. Romanea tamnoides (Adr. Juss.) Euphorb.
A. Radcliffe-Smith

F (4) Herbaceous vine in margin
RB of arboreal restingz. Flowers pale
NY yellow. Fruits immature, green.
K det. M. J. Huft 1983

12852. Callisia repens L.

Commel.

(3) ^{terrestrial} Prostrate creeping vine in arboreal restingz. Stems and leaf margins dark red-purple. Sterile.
det. R. Faden 1983.live: F
US
AF RB
Faden12853. Solanum caavurana Vell. vel aff ^{det. M. Nee 1983} Solanec.

(3) Shrub 2 m. tall growing in arboreal restingz. Calyx light green. Corolla past, brown.

F
RB
BH(13) ^(Poll) 12854. Brumfelsia latifolia Benth.

Solanec.

(13) Det. T. Plowman



Shrub 60 cm. tall in open restingz on white sand ^{along road.} Much branched from base. Calyx pale green. Corolla tube white. Corolla limb abaxially white to pale violet, adaxially pale violet with white eye. Leaves med. in green, somewhat shiny on both surfaces. Only one seen.live → Dimitri
PhotosF
RB
CORD
MO
BH
GUA
GH
SP
G
UB
U
P

FEB 18 1983

Brazil: Estado do Rio de Janeiro.
Município de Niterói. Itaipuaçu.
Morro do Alto Moirão. Alt. ca. 240 m.

~~2~~ 18 Feb 1983.

12855. Furcraea foetida (L.) Haw. Agavec.
(3+3)

F
RB-2 Plant growing on open rocky
K outcrop. Leaves to 2 m. long.
Scape 8-10 m. tall Ovary
olive green. Perianth light green,
tepals with white margins. Filaments
pale green. Ovary and style greenish
white. Leaves  in section
near apex,  near base.

12856. Dorstenia arifolia Lam. Morse.

(3) Herb forming small clumps
F growing in forest understory.
RB Stems with pale yellowish latex.
U Inflorescence brown.
Det. C. C. Berg 1985.

12857. Erythroxylum pulchrum St. Hil. Erythrox.

(3) Sapling 2 m. tall in hillside forest.
F Leaves dark green shiny above, lighter
RB green shiny beneath. Skull.
GH Det. T. Plowman

12858. Bombacopsis glabra (Pong.) A. Robyns Bombac.
 (3+3) Tree 8 m. tall growing in
 hillside forest. Immature (?) fruits
 light green. Flesh around seeds white
 det. T. Plowman 1985

12859. Stigmaphyllon auriculatum (Cav.) A. R. Juss. Malpigh.
 (4) Twining vine 4 m. tall growing
 in margin of hillside forest. Flowers
 light yellow. Immature fruits pale
 green, shiny. det. C. Anderson 1987.

12860. Erythroxylum frugulifolium St. Hil. Erythrox.
 (18) Det. T. Plowman

- ① Wood
 leaves anal. growing in understory of hillside
 forest. Trunks 1- several; bark
 dark brown. Leaves shiny, medium
 green above; light green, somewhat
 shiny beneath; margin strongly
 undulate. Sterile.

wood:

Uw

Hw

MADw

F
 RB
 NY
 U
 US
 MO
 GH
 K
 G
 P
 UB
 SP
 GUA
 HRB
 CEPEC
 MBM

FEB 18 1983

- 12861b Piper ampurum Kunth Piperac.
 (3) Shrub 1 m. tall in understory
 of Hillside forest. Leaves dark
 green, rather shiny above; very pale
 dull green beneath. Spikes erect,
 green in young fruit.
 det. R. Collyers 1983.

live only ↓

- 12861A. Quesnelia liboniana Bromel.
 Rhizomatous bromeliad on large vertical boulders.
 Sterile.

live: Dimitri
A.F.
SEL 83-51

- 12861B. Anthurium coriaceum Arac.
 Terrestrial herb on steep
 slopes in dry forest.

live
MO
Banta
+HLA
SEL
Waimoa

- 12861C. Rantzia Marant.
 Herb in hillside forest. Lvs. dark green
 above with central grey-green stripe, purple
 beneath.

A. Fernandez
HLA 83-329
SEL 83-52

- 12861D. Siderasis fuscata (Lodd.) H.E. Moore Commel.
 Terrestrial herb.
 det. R. Faden 1983.

live → us

FEB 20 1983

BRAZIL: Estado do Rio de Janeiro.

Município de Rio de Janeiro. Barra
de Guaratiba. Sítio de Roberto Burle-Marx.
20 Feb 1983. Coll. T. Plowman & R. Burle-Marx.

12862. Broussaisia
(3)

Solanac.

RB
F
K

Cultivated shrub 2.5 m. tall
growing in shade of trees.
Leaves dark green above, slightly shiny;
paler green beneath. Leaves pliable,
rubbery. Fruits solitary, terminal.
Persistent calyx light green. Imma-
ture fruits green.

FEB 22 1983

BRAZIL: Estado do Rio de Janeiro.

Município de Santa Maria Madalena.

Santa Maria Madalena. Pedra
Dubois. Alt. 900-1195 m. alt.

Coll. T. Plowman + H.C. de Lima

22 Feb 1983.

add
after
locality

Exposed slopes of Pedra Dubois.

12863. Symphlocos cf. negota Brand

Symphloc.

F
RB
K
NY

(4) Shrub 3 m. tall. Mature fruits
black.

12864. Croton

Euphorb.

F
RB

(2) Subshrub on summit of Pedra Dubois.
Flowers cream.

12866. Vanhouttea calcarata Lem.

Glesner.

det. TP

(6) Subshrub 1.5 m. tall on upper slopes.

foto
F
US
RB

K Corolla light red to yellowish orange.
Lobes and throat with darker red spots.

var. capitatum (Benth.) Steyererm.

12867. Coccyzium aureum Cham. + Schlecht. Rubiac.

F
RB
NY

(3) Low creeping herb under shade of
shrubs on upper slopes. Leaves dark
green above, dark red-purple beneath.
Mature fruits dark blue.

det. P. Matekztis 1983

FEB 22 1983

12868. Luxemburgia gardneri (van Tieghem) Beauv. Ochnace.

(6) Erect shrub 1.5 m. tall on open slope. Petioles red. Calyx light green with red margins. Petals yellow. Immature fruits green.

F
RB
P
NY
K
SP

12869. Hesperozygis nitida (Benth.) Epling Labiat.

(6) Sprawling subshrub forming dense clumps. Corolla light blue-violet to lavender. det. R. M. Harley 1983.

F
K
RB
NY
MBM
G

→ Lamanonia ulei (Engl.) L. B. Smith

12870. Belangeria ulei Engler Cunoniaceae

Det. J. Plowman

(4) ~~Tree~~ Treelet 4 m. tall in protected ~~area~~ ^{place}. Leaves shiny dark green above; dull whitish beneath. Flowers cream.

F
RB
K
NY

12871. Emmeorrhiza umbellata (Spreng.) Schum. Rubiac.

(2) Scandent vine among shrubs. Flowers white. det. P. Matekaitis 1983

F
RB

12872. Tibouchina sp. Melast.

(3) Shrub 1 m. tall. Twigs and petioles red. Lvs. bicolorous. Ripe fruits brown. (flowers needed)

F
WS
RB

12873. Marcetia taxifolia (St. Hil.) DC. Melast.

(3)

F
US
RB

Erect subshrub to 50 cm. tall on exposed slope. Ovary red. Petals white. Anthers bright yellow.
det. J. J. Wurdack 1983.

12874. Psychotria pleiocephala M. Arg. Rubiac.

(3)

F
RB
NY

Erect shrub 2 m. tall. Twigs, petioles and inflorescence deep golden yellow. Immature fruits green.
det. P. Matekaitis 1983

12875. Psidium cattleianum Sabine Myrt.

(3)

F
NY
RB

Shrub 1.5 m. tall. on exposed slope. Calyx + ovary light green. Flowers white. det. L. Landrum 1988.

12876. Bradea brasiliensis Standl. Rubiac.

(4)

F
RB
K
NY

Low subshrub on exposed slope. Infl. branches and calyx dark blue-green. Corolla blue-violet.
det. P. Matekaitis 1983

12877. Hyptis sp. nov.

~~verb.~~
lab.

(2)

F
RB

Subshrub 60 cm. tall on exposed slope. Flowers white to pale pink.

det. R. M. Harley 1986.

12878. Lantana spiraeastrum Mart. + Schau. Verb.

F
RB

(2) Shrub 1.5 m. tall on exposed slope. Flowers light pink with yellow spot at throat. Foliage with strong odor of Citrus.

det. H. N. Moldenke 1984

12879. Ocotea notata (Nees) Mez ^{det. J. Rohrer} ~~det. off.~~ 1987. Laurac.

F
MO
RB

(3) Treelet 3 m. tall. Flowers pale yellow. det. H. v. d. Werff 1984
→ Ocotea glaucina (Meissn.) Mez det. v. d. Werff 1985.

12880. Panicum GABULORUM LAM. VAR. DEMISSUM Gram.

F
MO
RB

(3) Mat-forming grass on ^{open} summit of Pedra Dubois.

DET. F. O. ZUCASCES 1990

12881. Plantago

Plantag.

F
RB

(2) Herb on open summit of Pedra Dubois.
Infl. green.

Gram.

12882. Trilepis cf. Lhotzkiana Nees ex Arnott ~~Opuntia~~

F
RB

(2) Tufted herb on open summit of Pedra Dubois. Spikelets dark reddish brown.
det. G. Davidse 1986.

12883.

Irid.

(1) Solitary herb on exposed summit.

unilate Immature fruits green.

RB

add after
locality

^{one}
~~Exposed~~ outcrop area on ridge leading to
Pedra Dubois.

FEB 22 1983

12884. Tibouchina sp. Melast.

- (5) Unbranched subshrub to 80 cm.
tall. Leaves dark green above, silvery
beneath. Ovary cerise red. Petals
purple. Anthers dark purple.
(not matched at us, aff. T. discolor Brade)

F
US
RB
K

12885. Fuchsia Onagr.

- (4) Scandent shrub 3 m. tall
on steep slope. Corolla cerise
red. Petals purple. Filaments
deep pink.

F
MO
RB
K

12886. Koanophyllum sp. Comp.

- (3) Subshrub 1.5 m. tall.
Flowers pale pink. det. R.M. King 1983

F
US
RB

12887. Cordia AFF. BIFURCATA ROEM. & SCH. Borag.

- (3) Erect shrub 2 m. tall.
Flowers cream. Mature fruit
red. DET. J. GAVIRIA 1987

F
US
RB
K

12888. Begonia lobata Schott Begoniac.

- (3) Scandent subshrub 2 m tall
on steep slope. Lvs. bicolorous.
Fruits brown.
det. L.B. Smith 1983.

F
US
RB

12889.

Comp.

- F (2) Erect shrub 2 m. tall. Involucre
RB + fl. purple. Filaments white.

12890. Verbesina glabrata Hook. & Arn.

Comp.

- F (3) Shrub 2 m. tall. Flowers
US yellow. det. H. Robinson 1983.
RB K

12891. Gratiola serrata (Spreng.) K. & R.

Comp.

- F (4) Shrub 1 m. tall. Flowers
US white det. R.M. King 1983.
RB K

12892. Passiflora

Passifl.

- F (6) vine among shrubs. Petioles
RB reddish. Bracts pale brownish
NY pink. Sepals pale yellow green.
K Petals + corona cream.
SP

12893. Lycopodium

Lycopod.

- F (2) Creeping herb with ascending
RB stems, among shrubs on slope.

FEB 22 1983

add after
locality

Disturbed forest on steep slopes
on ridge leading to Pedra Dubois.

12894. Cestrum

Solenzes.

F
RB

(2) Shrub 1.5 m. tall. Immature
fruits green. (Spreng.) Meeke

F
MO
RB
K

12895. Endlicheria peniculata

(Sprung.) Macht.

Lauree.

(4) Treelet 4 m. tall. Flowers
pale yellow. Peduncle red.
Det. H. v. d. Werff 1983

det. H. v. d. Werff 1983.

12896. Phyllanthus

Euphorb.

F
RB

(2) Slender shrub 1 m. tall in
capoeira. Fruits, immature, green.

12897. Lantana brasiliensis Link

Verb.

F
NY
RB

(5) Shrub 2.5 m. tall in cepocira.
K Flowers white; ~~Fls. fragrant~~ foetid-
G scented. det. H. Moldenke 1983.

Flowers white, ~~fragrant~~ foot-
scented. det. H. Moldenke 1983.

det. H. Moldenke 1983.

12898. Ipomoea

Convolv.

(2) Twining vine in forest understory, to 3 m. tall. Leaves dark green above, pale purplish green beneath. Calyx purplish green, Corolla pale pink with some violet ~~shade tinge~~.

understory, to 3 m. tall. Leaves dark green above, pale purplish green beneath. Calyx purplish green, Corolla pale pink with some violet ~~shade~~ tinge.

12899. Psychotria cephalantha (M. Arg.) Standl. Rubiac.

(4) Shrub 2 m. tall. Flowers
 F NY white. Immature fruits green.
 RB K det. P. Matekaitis 1983

12900. Erythroxylum ^{coe} coelophlebium Mart. Erythrox.

(16) Det. T. Plowman

(A) [fl. st. rules] Erect shrub 1-2 m. tall in
 moist forest on slope. Leaves dark
 wood: LW, MADW green, rather shiny above with
 ILS. analysis impressed lateral nerves; very pale
 F TUPA green, dull beneath; slightly
 RB ICA bullate. Flowers solitary in axils of
 NY leaves or axillary on stem, or at base of
 LH new shoots, pale green. Long styled
 GH plant.
 K
 MO
 GUA
 UB
 SP
 S
 P

12901. Erythroxylum coelophlebium Erythrox.

live only

12900 A. Tillandsia

Epiphyte in forest. Sterile

live: D.S.

SEL 83-49.

FEB 22 1983

12901. Bumfelsia hydrangeiformis (Pohl) Benth. Solanec.

(2) Erect shrub 1.5 m. tall,
at times falling over with vertical
branches arising from stem, growing
live-
D. Sucre
A. Fernandez
F
RB
in ^{shady} forest on steep hillside. Leaves dark
green above, slightly shiny; lighter
green beneath, with yellowish
green midrib. ^{lateral} Nerves impressed
above. Calyx pale yellowish green,
3-angled, somewhat inflated.

12902. Dichorisandra

(2) Erect herb 1 m. tall. ^{Commel.} Leaves
^{upper surface of} dark shiny green with 'silvery
live-D. Sucre stripe between midrib + margin;
F
US
lighter green beneath, shiny. Stem
greenish brown with many ^{fine} whitish
striations. Sterile.

12903. Psychotria (Cephaelis)

Rubiaceae
~~Arac.~~

F
RB
(2) Shrub 1.5 m. tall. Bracts
dark red. Mature fruit blue.

Psychotria sp. aff. P. biternata M. Arg
det. P. Matekaitis 1983

live
D. Sucre

12904. Leandra hirta Raddi Melast.
 (4) Slender shrub 2 m. tall. Calyx yellowish. Petals pale translucent greenish white. Filaments white.
 det. J.J. Wurdack 1983.

F
US
RB

12905. Leandra melastomoides Raddi Melast.
 (3) Shrub 2 m. tall. Bracts creamy yellow. Ovary green in young fruit. Sepals creamy yellow.
 det. J.J. Wurdack 1983.

F
US
RB

12906. Coccocypselum lanceolatum Rubiac.
 (4) (R. + P.) Pers. det. P. Motekaitis 1983.
 Trailing herb with erect flowering stems. Bracts + sepals green.
 Corolla violet. Mature fruits blue.

F
RB
NY

12907. Coccocypselum hasslerianum Chod. Rubiac.
 (4) det. P. Motekaitis 1983.
 Trailing herb with erect flowering stems. Leaves dark green above, rich purple beneath. Immature fruits shiny green.

F
RB
NY
live



12908. Mikania Comp.
 (2) Vine 1 m. tall in forest. Leaves dark green above, the major nerves silvery white; rich red purple beneath.
 Sterile.

live
F
RB

FEB 22 1983

12909. Anthurium

Arac.

- F (2) Epiphytic rosulate herbs.
RB Leaves dark green above; pale yellow-green beneath. Petiole  in section. ~~Petiole~~ Peduncle , subterete, slightly 3-angled. Spathe ~~to~~ perist. Spadix grey-brown.
- 1 inc: D. Sureau
Lyon

12910. Hedyosmum brasiliense ^{Mart. ex Miq.} Chloranth.

- F (2) Treelet 4 m. tall. Flowers
RB light green. det. C. Todzia 1986.
K

12911. Nematanthus HIRTELLUS (SCHOTT) ^{WIEHLER} Gesner.
DET. A. CHAUTENS 1986

- F (1) Epiphytic vine 1.5 m. tall.
RB Petiole + axillary midrib red.
K Leaves dark green above, pale green beneath. Calyx in fruit pale red with broad pale green margins.

12912. Ossaea brachystachya (DC.) Triana Melast.

- (4) Shrub 2 m. tall. Mature fruits
F dark blue-purple.
US det. J. J. Wurdack 1983.
RB
K

add after
locality | Capoeira and adjacent pasture.

12913. Siparuna

Monim.

F
RB
NY

- (4) Treelet 5 m. tall in capoeira.
Foliage aromatic. Petioles pale red.
Flowers green.

12914. Solanum subgen. Leptostemonum Solanac.

det. M. Nee 1983

F
RB

(2)

- Shrub 1.5 m. tall. Immature
fruits green.

12915. Solanum paludosum Moric. Solanac.F
RB
BH

(3)

- Shrub 1 m. tall in pasture.
Petals yellowish green. Anthers
deep yellow. Immature fruits green.
det. M. Nee 1983

12916. Solanum polytrichum Moric. var. enoplocalyx Dunal Solanac.

det. M. Nee 1983

F
RB
BH

(4)

- Shrub 1.5 m. tall in pasture.
Stems + leaves with ferruginous
indument. Calyx dark purple.
Corolla violet. Anthers yellow. Im-
mature fruits white.

12917. Acalypha

Euphorb.

F
RB
DAV
K

(4)

- Shrub 2 m. tall in capoeira.
♂ flowers cream. ♀ flowers with
red stigmas.

FEB 2 1983

12918. Hybanthus communis (St. Hil.) Taub. Violac.

(4) Herb in ^{woody} pasture. Flowers
white.

F
RB
U

det. J. Plouman vill-1983.

FEB 23 1983

BRAZIL: Estado do Rio de Janeiro.
Município de Santa Maria Madalena.
Parque Estadual do Desengano.
Fazenda Agulha do Imbé, between
Santa Maria Madalena and Santo
Antonio do Imbé. Disturbed primary
forest ^{on slopes} along small tributary of
Córrego Agulha. Alt. ca. 450 m.
Coll. T. Plowman + H.C. de Lima
23 Feb 1983. 21° 56' 41" 52'

12919. Psychotria platypoda A. DC. Rubiac.
(2) Shrub 1 m. tall. Bracts purple.
Immature fruits pale green.
det. P. Matekaitis 1983

12920. Coussarea porophylla (Vell.) Muell. Rubiac.
(4) Tree 6 m. tall. Inflorescence
branches green. Immature fruits
green with creamy white calyx.
det. P. Matekaitis 1983

12921. Dendropanax cf. cuneatus Dene. + Planch. Araliac.
(3) Treelet 4 m. tall. Flower
buds green. Det. T. Plowman

12922. Begonia Begoniac.
(2) Ecdendent herb to 40 cm. on
moist rocks along stream. Pedicel +
ovary red. Perianth white. Immature
fruits green.

FEB 23 1983

- var. xylosteooides
12923. Piper xylosteooides Kunt & Steudel Piperac.
F (3) Shrub 3 m. tall, much branched.
NY Spikes brown. Immature fruits
RB green. det. R. Callejas 1983.
(BRADE) BAUMGRATZ
B. SANGUINEA SODD. EX COGD. VAR. SANTOS-LIMAE

12924. Bertolonia santoslimae Brade Melast.
F (4) Herb on steep banks in forest.
RB Lvs. dark green above, light green
beneath. Infl. axis and pedicels
pink. Ovary blue-violet.
det. J.J. Wurdack 1983

12925. Quararibea Bombac.
F (6) Shrub 1.5 m. tall along stream
WIS in forest. Flowers white with
RB fetid scent (like Ligustrum spp.)
NY (= 12926)
K

12926. Quararibea Bombac.
F (4) Shrub 2.5 m. tall along stream
WIS in forest. Mature fruits orange.
RB (= 12925)
K

12927. Celosia grandifolia Moq. Amaranth.
(2) Unbranched herb 80 cm. tall.
F Immature fruits green.
RB
det. T. Plowman 1984.

FEB 23 1983

melast.
~~Gernar.~~

12928. Clidemia blepharodes DC.

F (2) Long Pendulous subshrub, 3 m.
RB long. Bracts and calyx red.
det. J. J. Wurdack 1985.

12929. Phorus

Citrum.

F (2) Herb 1 m. tall in forest.
RB Infl. green

12930. NAPEANTHUS PRIMULIFOLIUS (RADDI) SANDW. ~~Gresh.~~

F (2) Rosulate herb on steep banks
RB above stream. Calyx green.

DET. L. SKOG 1987

12931. Solanum cernuum Vell.

Solanec.

F (7) Treelet 5 m. tall in open
RB area along stream. Calyx with
BH long, light brown hairs. Corolla
MO white. Anthers yellow.
K det. J. Knapp 1985.
CORD

12932. Piper cernuum Vell. var. cernuum

Pipenac.

F (4) Coarse shrub 3 m. tall. Leaves
NY dark green above, pale green
RB beneath. ~~Inf~~ Spikes cream,
pendulous.
det. R. Callejas 1983

→ Commelina robusta Kunth det. B. Kew 1985.

12933. Commelinopsis glabrata D.R. Hunt Commel.

(4) Herb with trailing decumbent

F K Stems in moist area along trail.
US RB Immature fruits green. Spathe
green. det. R.B. Faden 1983.

12934. Campelia zanonii (L.) HBK. Commel.

(4) Coarse herb to 60 cm. tall
growing on large flat boulder
in capoeira. Bracts green.

live-d.s.

F K Calyx red-purple. Flowers white.
US RB det. R.B. Faden 1983.

12935. Celosia cymosa Seub.

Amaranth.

(2) Unbranched erect herb in
forest. Peduncle dark red. Immature
fruits green. det. T. Plowman 1984.

F
RB

12936. Trichilia

~~Bursera?~~
Meliace.

F RB NY K (5) Tree 8 m. tall. Immature
fruits yellowish brown.

12937. Philodendron

Arac.

(4) Climbing epiphyte 2 m.
high. Leaves shiny dark green

Seed: D.S. above with yellowish nerves;
AF lighter green beneath, purplish
HLA 83.332 when new. Petiole densely streaked with
SEL 83-48

F
MO
RB

whitish striations. ~~Only~~ Infls.
~~Flowers~~ 3
 at node. Spathe pale green
 with reddish blush and dark red
 spots; Spathe caducous in
 fruit. Fruiting spadix greenish
 yellow at maturity.

12938. Asderostigma cf. luschnothium Schott | Arac.

(1) Herb 60 cm. tall. Leaves shiny
 dark green above with broad
 silvery stripe in center of each
 segment. Petiole green, not
 mottled. Sterile. Tuber ca. 4
 cm. diameter. SEL 83-47

live: SEL
 83-47
 F

12939. Pilea | Urtic.

F (3) Delicate herb in shaded ^{sandy} area
 at edge of stream. Flowers green.

RB
 UL

12940. Solanum caeruleum Vell. | Solanac.

(3) Shrub 2.5 m. tall in open
 area along stream. ~~Fls.~~ Corolla
 white. Anthers yellow. det. S. Knapp 1987.

F
 RB
 BH

12941. Bathysa mendongaei K. Schum. | Rubiac.

(4) Treelet 5 m. tall. Immature
 fruits green. det. P. Matekaitis 1983

F
 RB
 NY K

FEB 23 1983

- F (5) 12942. Meriania robusta Cogn. Melast.
US Tree 8 m. tall. Calyx green,
RB Corolla white. det. J.T. Wurdack 1983.
K

- F (2) 12943. Philodendron Arac.
RB Climbing herb on rocks and
tree trunks along stream.
Spathe green. Spadix in young
fruit cream.

- F (2) 12944. Solanum Solanec.
RB Shrub 1 m. tall in open
areas along trail. Corolla
white. Immature fruits cream.

- F (4) 12945. Piper truncatum Vell. Piperac.
NY Erect shrub 2 m. tall. Spikes
RB cream, brown in fruit.
det. R. Colletjes 1983.

- F (5) 12946. Aphelandra phrynoides Lindau Acanth.
US Herb on banks along trail in
RB forest. Bracts green. No flowers.
K det. D. Wasshausen 1983.

- F (3) 12947. Begonia arborescens Raddi Begoniac.
US Herb 1.5 m. tall in forest.
RB Leaves shiny dark green above, reddish
beneath. Peduncle + infl. branches
det. L.B. Smith 1983.

red. Perianth white. Immature fruits
light green with dull red wings.

12948. [Neea]

Nycteg.

F (2) Unbranched rosette treelet 2.5
m. tall. Peduncle and flowers
dull red-orange. Infl. terminal.

12949. Dichorisandra

Commel.

F (2)

Unbranched herb 1.5 m. tall
growing on large boulder in forest.
lvs. dark lustrous green above
with yellowish green midrib;
lvs. dark green beneath with purple
tinge. Peduncle + infl. branches
purple. Calyx blue-violet. Fruits
immature greenish white.

12949A. Hippeastrum morelianum Lemaire Amerzyl.

lvs. only Bulbiferous herb on moist rock
sent to H. Maerow in review det. A. Maerow 1985.
FLAS-18 June 83
(see letter)

12949B. Philodendron

Sprawling vine in epocera. Lvs.
glossy dark green with yellow costa
A. Fernandes
SEL 83-56
LYON!

FEB 23 1983

12950. Erythroxylum bradeanum O. E. Schulz
(16) Det. T. Plowman

WOOD: Uw Unbranched (or nearly un-
brs, lvs → ① branched ~~at~~ rosette shrub 1-3
lvs. anal. m. tall in moist forest in pro-
fotos tected ravine along stream

HLA 83.338. Leaves dark shiny green above
with lighter green midrib, p. lvs.
leaves pale yellowish green, dull
beneath. Leaves spiraled.

F-2
RB
GH
K
NY
SP
GUA
MO
MBM
US
G
SPF
MO
Flowers cauliflorous along
stem in spiraled pattern,
short pedunculate. Buds yellowish
green. Fruits erect, dark wine
red.

12951. Geastrum schweinitzii (Berk. & Curt.) Zeller Fungi.
(2) Growing on rotted wood on
forest floor. "Cup" pale brown.
Spore bearing puffball grey.
det. P. Ponce de Leon 1983

F
RB

FEB 26 1983

BRAZIL: Estado do Rio de Janeiro.
Município do Rio de Janeiro.
Rio de Janeiro. Alto da Boa Vista.
Estrada da Vista Chinesa 741,
Centro de Botânica, FEEMA-DECAM.
Alt. 370 m.
26 Feb 1983.
Coll. T. Plowman

12952. Erythroxylum occultum Plowman, sp. nov.
(6)

F
GUA

fotos.

RB
ICN
NY
K

Treelet 5-6 m. tall x 6 cm.
diameter. Planted in 1964 beside
main building of FEEMA, but
collected from nearby forest.
Trunk brown, rather smooth. Leaves
medium green above with yellowish
green midrib, slightly shiny; very
pale green, dull beneath with fine
darker green veinlets. Margins strongly
undulate. Sterile. Never flowered
in cultivation.

FEB 27 1983

Brazil: Estado do Rio de Janeiro.
Município Rio de Janeiro. Vargem
grande.

27 Feb 1983. Sítio de Dimitri Sucre.

label made (2) 12953. Orthophytum fosterianum L. B. Smith Bromel.
(unbleached form) det. L. B. Smith 1983.

foto
live: SEL 83-55 Cultivated bromeliad forming
F dense colony in full sun. Scape
US and scape bracts green. Infl. bracts
dark red. Calyx dark red. Corolla
white.

Collected by Luiz Carlos Gurken
in Bahia. O. SUCREI LUTHER H.E. LUTHER
(CLONOTYPE, PARATYPE) 1992

↓ live only

12954. Philodendron santileopoldina Arac.

live only Epiphyte with long pendulous
leaves.

12955. Morantia sp. nov. Morant.

live only
A# Cultivated herb. wild collected
ALA 83.328 by D. Sucre.
SEL 83-63

12956. Commel.

live
only
SEL 83-65 Trailing herb, prostrate. Leaves
green with purple margins.
Coll. D. Sucre - Panamá.

FEB 27 1983

12956A. Cryptanthus secalis var. ruber
SEL 83-59 RJ: City of Rio de Janeiro. Humaitá.

12957. Randia Pub.

seed
only

Cult. shrub in garden of Luiz
Carlos Gurken. Fruits yellow
orange.

A.F.
Kampung.

12958. Philodendron speciosum Arce.

seedlings
SEL 83-66

Coll. D. Suere.

Rio de Janeiro: Pedra da Gávea.

12959. Cryptanthus glaziovii Mez Brom.

A. Fernandez
SEL 83-56

Coll. D. Suere

det. H. Luther
1984.

Bahia. Na coatinga.

12960. Vriesia suerei Smith + Reitz Brom.

SEL 83-62

Coll. D. Suere

Rio de Janeiro: Siqueira.

Restinga arborea.

12961. Pandanus cf. pygmaeus Benth.

Cult. D. Suere.

duas

Ex hort. Jardim Botânico de Rio de Janeiro

1967 FEB 83

12961-A. Neoregelia wilsoniana M. B. Foster.
det. Harry Luther
Dimorphic leaves. State of Rio?

12962. Cryptanthus sinuosus Brom.

Rio de Janeiro: Pão de Açúcar.
A. Fernandez Coll. D. Sucre.

12963. Neoregelia ^{pusciflora L. B. Smith}
~~haehniana~~ Brom.
det. H. Luther 1983.

Coll. D. Sucre
A. Fernandez
SEL 83-64 Rio de Janeiro: Santa Maria
Madalena.

12964. Heliconia cathartica? Musc.

Seed:
Amazonas, Brazil.
HLA 483.330.
SEL 83-67. Coll. Pedro Ivo Braga

12965. Cryptanthus roseo pictus Brom.
SEL 83-58 Cult. D. Sucre.
Ex hort.

12966. Cryptanthus aculis Brom.
var. rubra
Rio de Janeiro. City of Rio de

Janeiro. Bairro de Humaitá.
Coll. D. Suere.

12967 - Philodendron eichleri

Azoe.

Kenapong

Grown from seed collected by D.
Suere at Jardim Botânico do Rio
de Janeiro. Parent plant
illustrated in Tropica.

12968. Quesnelia marmorata forma

Brom.
"disticha"

SEL 83-68 Coll. D. Suere.

State of Rio de Janeiro. Rio Bonito.
growing in full sun. Epiphyte.

12969 Cryptanthus sinuosus?

Brom.

green form

SEL 83-60.

Coll. D. Suere.

Brazil: Estado Rio de Janeiro.
Cabo Frio.

12970. Metteternichia principis Miksa

Glencoe

live only

A. Fernandez

Hill above Cactario, Jardim Botânico
do Rio de Janeiro. 27 Feb 1983.

MAR 1 1983

USA: Florida. Miami.

Cultivated. 1 Mar 1983.

A. Fernandez.

Arac.

12971. Anthurium pedato-radiatum Schott

(1) ssp. pedatoradiatum det. T. Croat 1985

F Cult. terrestrial herb 1.5 m

live: D. Sacre tall. Petiole terete. Peduncle
terete. Spathe green. Spadix
purple-brown.

K
G
MO
NY
ECON
BH
F
MICH
COLO
12972. Banisteriopsis czeppi (Spruce ex Griseb.)
(10) Morton

Msl. pigh.

Cult. Woody vine. Grown from cuttings

Collected by M. Shemluch

Ecuador.

photos.

~~from~~ Petals pale pink, fading to
creamy-white with eye but with pink
center. Glandless calyx.

12973. Banisteriopsis czeppi (Spruce
(11) ex Griseb.) Morton

Msl. pigh.

Ex 1805 -

Cult. woody vine. Buds rose pink.
Petals rose-pink, fading to white.
Fruits light green.

F-2
IND
ECON
MO
NY
G
MICH
K-2



Haroldo Cavalcanti

Pedre Dubois

22 Feb 1983.

12974/ Callisia fragrans (Lindl.) Woods. Commel

(1)

F

Cult. herb. leaves variegated
with white stripes & red-purple
patches. flowers creamy white -
det. R. Faden 1983.

Pennsylvania: Dauphin County. Lower
Paxton Township. 8 mi. east of
Harrisburg.
9 Apr. 1983.

12975. Amaryllis hybrid. Amaryll.

(2) Cult. bulbiferous herb.

F Topals deep red. Filaments and
style red.

12976. Forsythia viridissima Lindl. Oleac.

F (1) Cult. shrub 2.5 m. tall
in margin of woods. Flowers
yellow.

12977. Palmonaria saccharata Mill. Borag.

(2) Low herb cultivated in open
woods on slope. Naturalizing.

F
BH Leaves green with silvery green
spots. Calyx purple-green.
Corolla^{tube} white with dark red collar
at base of limb. Limb pale blue-
violet.

12978. Claytonia virginica L. Portulac.

F (1) n. v. spring beauty
Cress-bearing herb in open woods.

Petals white with fine pink stripes within.

12979. Ulmus americana L.

Ulmac.

F (1) Small tree 8 m. tall in old field.
Calyx reddish brown.

12980. Acer rubrum L. ♂

Acerac.

F (1) n. v. red maple.
Small tree 4 m. tall in old field. Flowers light red. ♂

12981. Acer rubrum L. ♀

Acerac.

F (1) n. v. red maple
Small tree 4 m. tall in old field. Flowers red.

12982. Hedera helix L.

Aral.

F (2) Climbing vine grown on brick wall. Fruits fleshy, blue-black.
BH

12983. Pachysandra terminalis Sieb. & Zucc. / Buxac.

F (2) Procurrent herb grown as ground cover. Flowers greenish white.
BH

12984. Helleborus viridis L. Liliac.

F (2) Rhizomatous herb forming large dense patch. Planted in moist woods. Flowers yellowish green.

12985. Scilla sibirica Hzw. in Andrews Liliac.

F (1) Bulbous herb in woods near habitation. Escaped from cultivation. ^{Petals} ~~Flowers~~ blue-violet. Anthers blue, filaments white.

12986. Narcissus Amoryll.

F (2) n.v. jonquil
Bulbiferous herb forming dense clump. Perianth yellow.

12987. Corylus avellana L. cv. 'Contorta'

F (1) Cult. shrub 2.5 m. tall.
Catkins dull yellow. Stigmas red.

12988. Helleborus Ranunc.

F (1) n.v. easter rose
Clump forming rhizomatous

herb. Sepals pale ^{greenish} cream to rose,
light green in fruit. Petals pale
yellow-green.

12989. Pieris japonica (Thunb.) G. Don ex D. Don Ericac.

F (1) Cult. Shrub 2 m. tall. Corolla
white.

12990. Ilex

Aquifol.

F (1) Treelet 3 m. tall. Buds cream.
Cult.

12991 Buxus sempervirens L.

Buxac.

(2) Iv. boxwood

F
BH Cult. Shrub 2 m. tall. Flowers
green.

12992 Lindera benzoin (L.) Blume. Laurac.

F
INPA (2) Frequent Shrub 3 m. tall
with spreading branches. Flowers
greenish yellow.

12993. Scilla

Liliac.

F (1) Bulbous herb naturalizing in
lawn. Perianth blue. Immature
fruits dark blue-green.

12994. Tussilago farfara L.

Comp.

F (1) n.v. colt's foot

Herb on bank in woodland
margin. Flowers yellow.

12995. Brunnera macrophylla (Adams.) I.M. Johnston / Boreg.

F (2)
BH

Cultivated herb. Flower buds
pink. Corolla blue.

12996. Arabis laevigata (Muhl.) Poir. Crayf.

F (1)

Solitary herb in disturbed
open woods. Occasional.
Buds green.

(see 13800)

USA: Florida: Miami.

Garden of Allen Fernandez. 21 Apr 1983.

12997. Hodrodemas warszewiczianum (Kunth + Bouché) H. E. Muhl. / Commel.

(1) Cult. Rosulate terrestrial herb.

F Leaves rather fleshy. Flowers light red violet.

12998. Anthurium coriaceum

Arac.

(1)

F

Cult. terrestrial rosulate herb to 80 cm. tall. Leaves dull dark green on both surfaces, petiole terete. Peduncle terete. Spathe abaxially dull green, axially dark red purple. ~~Spathe~~ Spadix purple brown.

12999. Pitcairnia recurvata (Scheidw.) K. Koch. Bromel.

(2) Cult. terrestrial herb 1.5 m.

F-2

colt.
SEL
EIAI

tall. Leaves dark rather shiny green on upper surface, covered with dense white wax on lower surface. Flowers white, fragrant, opening at night.

possibly? Collected by Tommie E. Lockwood,
Mexico, Edo. Veracruz, Playa Escondida,
Dec. 1971.

13000. Taccorum

Araceae.

(2)

F

Fotos.

Cult. Tuberiferous herb with two leaves. Petiole with clear odorless juice, greenish brown, mottled with snake-like pattern. Leaf blade dull green above, pale glaucous (pruinose) beneath. 2 inflorescences arising at base of plant. Spathe brown. Sp. dix brown, soon withering.

Grown from Plowman et al. 8613.

Brazil: Estado Pará: Mun. Conceição do Araguaia. 20 km. W. of Redenção.

Alt. 350-620 m. 9 Feb 1980.

Growing on rocky hillsides.

13006 Anthurium elegans

Arac.

(1)

F

Cult. terrestrial herb.

Petiole & peduncle terete. Petiole dark brown finely spotted with green. Peduncle light red. Old Sp. dix brown.

Ex Plowman & Davis 4294.

Colombia: Cauca: Popayán.

13002. Philodendron williamsii Arac.

- F (1) Cult. Terrestrial herb. Leaf shiny dark green above, lighter yellowish green, somewhat shiny beneath.

13003. Alocasia cuprea (C. Koch + Bouché) C. Koch / Arac.

- F (1) Cult. tuberiferous herb. Leaves yellowish green above, ^{dark} pale glaucous green beneath. Spathe creamy yellow.

13004. Anthurium violaceum ? Arac.

- F (1) Cult. rosulate herb grown in pot. Petiole canaliculate. Blade coriaceous, medium green above, lighter green beneath. Peduncle terete, green with brown streaks. Spathe green. Spadix greenish brown, anthers orange. Fruits pale violet. From Venezuela.

13005. Clathrea lancifolia Boom Mercant.

(1) Cult. herb. Leaves ^{light} yellow green above with dark green bands; dark red purple beneath. Buds brown. Flowers white.
F det. H. Kennedy 1986.

13006. Aglaonema Arac.

(1) Cult. ornamental herb. Petiole white. Leaves creamy white with yellow green splotching. Immature fruits yellow.
me F

13007. Clerodendron speciosissimum Van Geert Vert.

(1) Cult. shrub 4 m. tall. Flowers bright red.
F

13008. Otharranthus roseus (L.) Gr. Don Apoc.

(1) Cult. herb 50 cm. high. Flowers pink.
F

13009. "Poinciana": Caesalpinia pulcherrima (L.) Swartz Leg.

(1) Cult. shrub 1.5 m. tall. Petals orange with yellow. Filaments red.
F

13010. Persea americana L. Laur.
(1) n.v.ocado
F Cult. tree 10 m. tall. Immature
fruit green.

13011. Apoc.
F (1) Cult. ornamental vine. Flowers
white.

13012. Vitac.
F (1) Cult. vine, 6 m. high. Leaves
whitish beneath. Flowers pale
green.

13013. Jacaranda Bignon.
F (1) Cult. tree 8 m. tall. Flowers
light blue-violet.

13014. Senecio confusus (DC.) Britt. = Pseudogynoxys Comp.
(1) Cult. vine in hedge. Rays adaxially
F orange, adaxially red. Stigmas red-
orange.

13015. Acalypha wilkesiana Muell.-Arg. EupL.
(1+1) Cult. shrub 3 m. tall. Leaves coppery
F-2 red with pale pink margins. Flowers dark
red. det. M. J. Huft 1983

Chicago, Illinois.

13016. Philodendron selloum C. Koch Arac.

F (1) Cult. seedling approx - 3 years

live: Montg. old. Sterile.
PTBG grown from ^{wild} seed collected by
D. Sucre, State of São Paulo
Brazil.

13017. Philodendron Arac.

F (1) Cult. climber. Sterile.

live: Montg. Ex hort. A. Fernandez.

[22 May 1983]

13018. Helianthus tuberosus L. Comp.

(*) Cultivated perennial herb.

F New shoots one foot tall. Tubers
fleshy, to 8 inches long.

13019. Phlox divaricata L. Polem.

(4) Volunteer in garden. ~~Fls~~

F Plant forming dense clump.

BH Flowers pale blue.

A-JP

MO

13020. Neviusia alabamensis Gray

Rejex.

(7)

F
BH
A-JP
NY
K
MO
WAG

Cultivated shrub 2 m. tall in
arching branches. Filaments white.
Anthers yellow.

Grown from plants cultivated by
Julia A. Steyermark.
(see 13055)

13021. Lychnis flos-cuculi L.

Coryoph.

(2)

F
BH

Cultivated herb in garden.
Introduced from wild near Harris-
burg, Pennsylvania.
Petals light pink.

Field Museum.

Velloz.

13022. Talbotia elegans (Oliv.) Balf.

(1) Cult. Rosulate herb forming loose
mat. Tepals abaxially pale
green, adaxially white.
27 May 83.

BH

13023 Cestrum nocturnum L.

Solzn.

(1)

F Cult. Shrub. Flowers pale
green, fragrant at night.

June 1, 1983. Chicago, Illinois.

13024. Ellisia nyctelea L. Hydrophyll.

- (2) Fragile herb forming dense
F colony in weedy parkway along
street in shade of trees. Corolla
white with purple tinge,
early caducous.

13025. Zebrina Commal.

- (1) Cultivated herb grown in
F hanging basket. Leaves striped
plum red purple + grey-green
above, red-purple beneath.
Flowers pink.

13026. Fuchsia Onagr.

- (1) Cult. subshrub with pendu-
F lous branches. Leaves dull, dark
green above, red-purple beneath.
Flowers: Tube & sepals pale pink-
orange, petals deep red-orange.

June 4, 1983.

13027. Rumex acetosa L. cv. 'Large Bellevalle' Polygon.

- (2) n.v. French Sorrel
F photo Cult. herb 50 cm. tall. Purchased
in herb shop. Fls.: Calyx pale green.
Anthers pale yellow.

June 22, 1983. Chicago

13028. Diospyros digyna

Ebenac.

- (1) n. v. Black Sapote
F Treelet 1.8 m. tall. Calyx pale green. Corolla
dirty pale yellow.

13029. Salvia officinalis L.

Labiata.

- (2) Cult. perennial herb. Flowers
F pale blue-violet.
BH folb n. v. Jaze.

June 28, 1983 Chicago

13030. Allium cepa var. viviparum Metz Liliac.

(2) Egyptian Onion

- F Cult. herb forming bulbils in inflorescence. Flowers creamy white.
WAGT

13031. Allium giganteum Regel

Liliac.

- (1) Ornamental onion. Cult. from horticult-
BH folb ural source. Fls. light blue-violet.

4 July 1983. - Chicago.

13032. Allium ampeloprasum L. Ampeloprasum Group. Liliac.

(3) Cult. herb. Bulb white, sparingly forming bulblets.

- F Strong odor of garlic. Stems glaucous. Infl. bracts
BH folb calyptrate, caducous. Pedicels pale pink. Te-
NY pels white to pale pink with medial
(see also 11286 & 13044. det. T. Plowman

green stripe. Filaments white, anthers
pale yellow.
n. v. ajo macho

10 July 1983 Chicago.

13033. Potentilla argentea L. Rosac.

F (1) Weed in garden. Leaves whitish
beneath. Petals yellow. det. P. Matekaitis 1983

13034. Allium giganteum Regel Liliac.

(1) Bulbiferous foetid herb.
F Immature (abortive?) fruits pale
bluish-green.

Downer's Grove:

13035. Centaurea montana L. Comp.

(2) Cult. herb 80 cm. tall. Rays
F basally red-purple, distally dark-
BH blue-purple

13036. Delphinium grandiflorum L. Ranuncul.

(1) Cult. herb 1 m. tall. Sepals
F sky blue. Petals white with
yellow nectar guide.

13037. Leucospermum cordifolium (Salisb.) Fourcade Proteac.

F (1) Perianth pale yellow. Style orange-pink.

Shrub. Flowers sold by florist,
Mar. 15, 1983.

30 Aug 1983. Chicago.

13038. Alternanthera lanceolata (Benth.) Schinz

(4) ssp. lanceolata

*7 dup. det. J.A. Mears 1983

F Cultivated herb. Sterile. Stem red, shiny.

COLO Leaves dark green above, ^{pale green} tinged with
WAG red-purple beneath.

MO Grown from cuttings of Plowman &
NY Schubert 11698, Peru, Dept. Jan
BH Martín, Tacache Nuevo. 24 Dec 1981.

ECON n.v. "lancetillo" = fresh juice
K taken for intestinal fevers,
G measles, and chickenpox.
GB

Cult. Chicago, IL. 15 July 1983.

13039. Papaver somniferum L.

Papaver.

HUT (15)

F BH-2 MDM

WAG MG

NY INPA

MO COL

ECON VEN

CEL

glaucous-leaved herb. Petals very
pale to deep pink with dark purple
spot at base. Capsules green. Latex
creamy. Persisting from former cultivation.

Chicago, Illinois 831 W. Buckingham
17 July 1983.

13040. Allium cepa L. Liliec.

(4) Cultivated "yellow" onion in
garden. Perianth white.
Commercial yellow onion.

F
BH
WAG
DAV

24 July 1983.

13041. Allium sativum L.

(5) n.v. "garlic"

F
BH
WAG
ECON
CEL

Cultivated herb from commercial
source. Overwintered without pro-
tection. Flowers pale green, mostly
replaced by bulbils.

26 July 1983.

Univ. of Chicago Greenhouse.

13042. Lavandula pinnata L.f.

Labiata.

(1) Cult. aromatic herb. Fls. light

F blue-violet.

Field Museum

13043. Eucharis plicata Meerow

(1) Cult. herb in pot. Tepals white.

F Corona light yellow green at base,
filaments apically white.

photos Grown from bulbs of Plowman et al.
11394, Peru: San Martín, Torosha

Nuevo. Quebrada de Huaquisha, Dec. 14, 1981.

Univ. of Chicago.

13044. Costus sp. nov.

Zingib.

(3) Cult. herb 80 cm. tall.

F
NY
K

grown from rhizomes of Plowman & Davis 5054, Peru, Dept. Madre de Dios. Prov. Manu, south of Shintuya on road to Salvación. 9 Feb. 1975.

Lvs. dark green above, dark red-purple beneath. Calyx lt. red. Corolla creamy white. Staminate limb pale yellow, streaked with red.

13045. Costus

Zingib.

(1) Cult. herb 80 cm. tall. Lvs. dark green above, dark red purple beneath. Corolla cream. Labellum yellow with red nectar guides.

13046. Hoya bella Hook.

Asclep.

(2) Succulent cult. vine. Flowers white.

F
B4

13047. Costus ~~plourmerii~~ ^{leucanthus Meas x C. laevis R. + P.} Zingib.
(1) Cult. herb 2 m. tall. Leaves
F green throughout, rubbery.
Sterile.
Grown from seed of Meas + Plourmon
1968 Colombia, Dept. El Valle, near
~~Pogueron~~, 1500 m. 3 Oct 1974;
~~Culacatan~~, 1350 m.
Cult. at Warmia Arboretum.
confirmed P. J. M. Meas 1983.
-

- 1 Chicago, Ill. Garden at 831 W.
Buckingham. 1 Aug 1983
13048. Teucrium canadense L. Labiata
(1) Cult. herb 80 cm tall, trans-
F planted from Harrisburg, Penna.
Fls. pink.

13049. Allium ampeloprasum L. Liliac.
(2) ² Ampeloprasum group.
F Cult. herb. (= 13032)
MO Fruits immature, pale bluish-
green. "ajo macho"

13050. Allium cepa L. Liliac.
(2) n. v. ^{commercial} yellow onion
F Cult. herb. Frs. green.
BH

5 Aug 83.

13051. Papaver somniferum L.

Papaver.

F (1)

Cult. annual herb grown from seed. Petals deep pinkish red.

From seed: Thompson & Morgan
"Mixed Peonia Flowered Papaver"

13052. Tragopogon pratensis L.

Comp.

F (2)

Wred i garden. Flowers

14 Aug 1983

13053. Hyssopus officinalis L.

Labiat.

BH (3)
F
MO

n.v. hyssop.

Cult. herb. Branched from near base. Flowers blue-violet.

13054. Origanum vulgare L.

Labiab.

(2)

F
K

Cult. herb with low, spreading habit, from commercial source.

Lvs. aromatic. Fls. white to pink.
det. R.M. Harley 1984

13055. Neriusia alabamensis Gray

Rosac.

F (6)
NY
BH
K
MO
GT

(see 13020)

Cultivated shrub 2-5 m. tall.

~~and~~ Fruits dark green.

Courmal.

13056. Rhoeo spathacea (Sw.) Stearn

- (1) Cult. fleshy ^{rosulate} herb. Leaves
F green above variegated with yellow-
stripes, red purple beneath.
Fls. white.

Chicago, 27 Aug 83 - 831 v. Buckingham

13057. Phyllostachys aurea A. & C. Riviere Griseb.

- F (2) Cult. bamboo 1.5 m. tall.
US Survived one winter. Sterile.
det. T. Soderstrom 1983.

13058. Physalis maxima Mill.

Solanac.

- (3)
F Cult. herb. Came up from seed
NY which overwintered. Flowers
RB pale yellow.
From M. Nee &
Mexico.

13059. Cucumis melo L.

Cucurb.

- (1) Herbaceous vine in weedy
F parkway area at 3504 N.
Retz Ave. Flowers yellow.

13060. Neuregelia caroliniae (Beer) L. B. Smith Bromel.

- (2) Cv. Tricolor
F Cult. bromeliad near John
Benta. Leaves medium green,

variegated with pale yellow stripes.

13061. Ctenanthe setosa (Roscoe) Eichler

(4) Cult. house plant 1.2 m. tall.
F. NY Leaves grey green with darker green
bends along major nerves, red-
purple beneath. Bracts pale
brown. Flowers pale pink with
yellow spot.

13062. Platynerium

(1) N. v. staghorn fern
F Cult. pendulous epiphyte.
Probably a commercial hybrid.

~~Pilea~~

Pennsylvania: Cumberland County.
Monroe Township. Brantville.
Yellow Breeches Creek, at junction
of Creek Road and York Road,
above Brantville Bridge.

8 Sept 1983.

13063. Potamogeton crispus L.

Potamogeton.

- F (2) Submerged aquatic, rooted on
gravelly bottom of fast flowing
stream.

13064. Elodea canadensis Gray

Hydrochar.

- F (2) Submerged aquatic, rooted on
rocky bottom in quiet water at edge of
stream.

13065. Sorbus

Rosae.

- F (1) Cult. treelet 5 m. tall.
Mature fruits bright orange.

13066. Glycine max (L.) Merr.

- F (3) Cultivated herb 80 cm. tall.
Immature fruits light yellowish
green with light brown hairs.
- BH
CEL

Decodon verticillatus (L.) Ell.

13067. Lysimachia Lythrac.
F (1) Sprawling herb in streambank
thicket. Stems reclining, to 1.5 m.
tall. Immature fruits green.

13068. Cornus amomum Mill. Cornac.

- F PH (2) Shrub 3 m. tall in thicket
in streambank. Fruits not quite
mature, metallic blue.

13069. Asclepias incarnata L. Asclep.

- F (1) Perennial herb in open stream-
bank. Fruits immature, light green.

13070.

- F (1) Coarse grass 1 m. tall in partial
shade of trees along streambank. Gram.

13071. Phytolacca americana L.

- F (1) n.v. pokeweed Phytob.
Coarse herb 1.5 m. tall on open
streambank. Stems & infl. ex is
bright magenta. FRS. black.

13072. Pyrus communis L.

- F (1) n.v. "pear" Rosac.
Cult. tree 4 m. tall. Fruits

light green, white within.

13073. Leersia oryzoides (L.) Sw. Gram.

F (5) ~~PM~~ Growing on edge of stream-
bank, partially in water. ~~Stem~~
ISC Culms decumbent, rooting at nodes.
MO

13074. Saururus cernuus L. Saurur.

F (1) Perennial herb in stream bank
margin, partially in water.
Sterile.

13075. Urtica dioica L. ssp. gracilis (Ait.) Selanden Urtic.

F (1) n. v. nettles det. C. Mezgodza 1984.
Weedy herb in partial shade of
trees on Streambank. Fls. green.

13076. Laportea canadensis (L.) Gand. Urtic.

F (1) Herb in shady of trees on
Streambank. Fls. cream. Fks. im-
mature, green.
n. v. "Cowitch"

13077. Nepeta cataria L. Labiat.

PAC (2) n. v. "catnip"
F Perennial herb in partial shade

of trees near streambank.

Corolla white with pink spots on lip.
Anthers red.

13078. Tilia americana L. Tiliac.

F (1) Tree 15 m. x 20 cm. diam.
on streambank. Bract yellowish
green. Fruits yellowish brown.
n.v. "linden"

13079. Physalis LONGIFOLIA NUTTALL Solan.

F (2) Herb in partial shade at edge of
field. Corolla pale yellow with ~~dark~~
~~dark brown~~ ~~purple black~~ spots within. Accres-
cent calyx green.

13080. Helenium autumnale L. Comp.

F (1) Herb 1.5 m. tall in open
rocky island in stream. Flowers
bright golden yellow.

13081. Rudbeckia laciniata L. Comp.

F (1) Herb 1.8 m. tall on stream
bank in partial shade. Rays
bright yellow.

6 Sept 1983
 Pennsylvania: Dauphin County.
 Stony Creek Valley - Cold Spring.

13082.

F (3) Clump-forming sedge in open
 PAC NY area along creek. Cyperac.

13083. Mentha x piperita L. det. R. Harley
1986. Labiata.

F (3) Perennial herb at edge of open
 K meadow. Flowers pale lavender.
 PAC

Gaylussacia frondosa (L.) T. & G. var. frondosa
 13084. Vaccinium Ericac.

F (1) Shrub 1.8 m. tall in margin
 of woods. Fruits dark blue,
 pruinose.

13085. Dulichium arundinaceum (L.) Britt. Cyperac.

F (4) Sedge growing at edge of
 PAC stream.
 PHT NY

13086. Chelone glabra L.

F (2) Perennial herb 80 cm. tall in
 PHT open wet meadow. Corolla white,
 apically pale pink.

13087. Ilex verticillata (L.) Gray Aquifol.
F (1) Shrub 2 m. tall in open
marshy area along stream.
Fruits light yellowish green,
immature.

13088. Lycopus virginicus L. Labiat.
F (2) Herb in moist meadow at edge
PAC of woods. Leaves dark green
above, red-purple beneath.
Fls. white. det. N.C. Henderson 1986.

13089. Polygonum persicaria L. Polygon.
F (2) Herb in marshy area in
B woodland margin. Flowers
white.

13090. Polygonum arifolium L. Polygon.
F (2) Spreading herb in marshy
Ptt woodland margin. Flowers
white. Immature fruits green

13091. Aster Comp.
F (1) Perennial herb in woodland
margin. Rays white.

13092. Spargania americanum Nutt. Spargan.
F (1) Aquatic herb in edge of
creek. Immature fruits
yellow-green.

13093. Vitis LABRUSCA L. Vitar.
F (1) Woody vine in open thicket
along stream. Fruits dark
blue-purple.

13094. ~~Solidago~~ Euthamia graminifolia (L.) Nutt. Comp.
F (2) Herb on open bank along
stream. Fls. yellow. det. M.D. Dillon
1984.

13095. ~~Hypericum~~ Triadenum virginicum (L.) Raf. Guttif.
F (1) Herb on open stream bank.
Fruits dark g. red.

13096. Hypericum mutilum L. Guttif.
F (1) Diminutive herb on open
streambank. Flowers yellow

13097. Solidago BICOLOR L. Comp.
F (2) Herb in dry woods. Rays
white.

13098. MUHLENBERGIA Gram.
F (2) Delicate grass on roadside in woods.

13099. Solidago hispida Muhl. Comp.
F (1) Herb in dry open woods.
Flowers yellow

13100. Sorghum bicolor (L.) Moench Gram.
F (1) Planted as wild life food in
woodland clearing. Fruits
dull, greenish white.

13101. Lepedeza cuneata (Dum.-Cours.) G. Don Legum.
F (1) Herb forming dense stand
on roadside on top of Blue
Mountain. Flowers white.
det. C. Niezgoda 1983.

~~13101A Fungi~~

Pennsylvania: Dauphin County.
Lower Pexton Township.
6780 Hickory Lane + environs.

4 Sept. 1983.

13102. Trepa nutans L. , Trepac.

F (5) Aquatic herb introduced
BH OSU to artificial pond. Immature
PAC fruits brownish green.

13103. Viburnum opulus L. (aprifl.)

F (3) n.v. mapleleaf viburnum
R/H Cult. shrub 2 m. tall.
BH Fruits reddish-orange.

13104. Malus cf. baccata (L.) Borkh. Rosac.

F (4) n.v. "purple plum"
BH Cult. tree 6 m. tall x
PAC 10 cm. diam. Fruits red-purple.
WAG

13105. Calycanthus floridus L. Calycanth.

F (1) n.v. sweet shrub
Cult. shrub 2 m. tall. Immature
fruit green.

13106. Arisaema dracontium L. Arac.
F (1) n.v. "green dragon"
Remains of tuberiferous herb.
Fruits bright red.

13107. Quercus palustris L. Fagac.
F (6) n.v. pin oak
MO Tree 20 m. tall x 40 cm. diam.
PAC Bark dark green, shallowly fissured.
PH
NY
MBM
B
↓ Beaver Creek

13108. Scutellaria lateriflora L. Labiat.
F (1) Herb growing in bed of Beaver
Creek. Flowers sky blue.

13109. Physocarpus opulifolius (L.) Maxim. Rosac.
F (1) Shrub 3 m. tall on partially
shaded stream bank. Fruits pale
green, turning brown.

13110. Leersia oryzoides (L.) Sw. Gram.
F (2) Scabrous grass on moist
PAC stream edge.

13111. Commelina virginiana L. Comm.
(2) Sprawling herb on moist stream
F bed. Fls. sky blue.
PAC

13112. Mentha arvensis. Labiat.
F (2) Perennial herb in thicket
K on open stream bank. Flowers
Very pale lavender, nearly white.

13113. Polygonum persicaria L. Polyg.
F (2) Herb in moist gravelly
PA Stream bed. Flowers white.

13114. Polygonum persicaria L. Polyg.
F (2) Sprawling herb in moist
MBM gravelly stream bed. Flowers deep
pink.

13115. Stachys tenuifolia Willd. Labiat.
F (2) Herb in moist gravelly stream
K bed. Fruits 3, black.

13116. Amphicarpa bracteata (L.) Fern. Legum.
F (1) Twining vine in open thicket
along stream. Flowers violet.
Immature fruits light green.

13117. Vernonia noveboracensis (L.) Michx.
F (2) Herb 1.8 m. tall in open
PAC meadow along stream. Flowers
deep red-violet.

13118. Aesculus glabra Willd. Hippocret.
F (2) Cult. shrub 2.5 m. tall. Immature
BH fruits pale yellow-green.
(= 11859)

13119. Colethea makoyana E. Morr. Marant.
F (1) Cult. herb. grows as house
BH plant. Leaves patterned. Pale
green above with dark green
bands and margin; whitish
green beneath with dark red-
purple bands and margin.
Bracts light green. Flowers
white.

13120. Picea pungens Engelm. Pinac.
F (2) n.v. "Colorado blue spruce"
BH Tree 6 m. tall. Foliage
glaucous with bluish cast.
Cones on upper branches.

13121. Begonia x tuberhyrida Voss Begon.
F (2) Cultivated "tuberous" herb.
BH Perianth & bracts deep red.

Pennsylvania: Dauphin County.
Stony Creek Valley. Cold Spring.
6 Sept 1983.

13122. Tsuga canadensis

(3) n.v. "hemlock"

F
PAC
PH Tree 12 m tall x 20 cm
diameter. Growing on open
roadside in edge of forest.

13123.

Fungi.

F Coral Fungus in hemlock woods.

13124.

Fungi - Discomyc.

F cup fungus on rotten log. Thallus yellow.

13125. Russula

Fungi

F Cap red. Stipe white.

13126.

Fungi

F Pileus buff. Stipe + gills creamy white.

13127.

Fungi.

F Agaric.

13128.

F Agaric.

13129.

Fungi.

F

Agaric

13130.

Fungi

F

Agaric -

 Chicago, Illinois. 11 Sept 1983.
13131. Datura discolor Bernh.

Sulzner.

(18)

Herb 1.5 m. tall, much branched with spreading crown. Calyx pale green. Corolla tube greenish white without, white ^{base of} within for ca. 10 cm., then ~~with~~ purple for 3 cm. below throat. Limb white, ca. 3 cm. long. Immature fruits green.

Grown from seeds of Free + Taylor 26616 collected in Mexico: State of Veracruz. Baños de Carrizal. alt. 200 m. 17 April 1983.

F
COLo

NY

BH

GH

MO

LL

CORD

K

ECON

G

GB

TEX

DAV

CEL

MEXU

XAL

ENCB

CAS

WAG

US

UC

B

MBM

VEN

WIS

COL

13132. Solanum melongena L. Solen.

F
BH
WAG (5) cult. herb. grown from commercial seed. Fruits egg-shaped pure white.

13133. Philodendron ^{gloriosum?} ~~andreaeanum?~~ Arac.

F (1) Cult. vine. Leaves velvety, dark green above, pale green beneath. Sterile.
Ornamental.

13134. Datura innoxia Mill. Solen.

F
+fruit MBM
VEN (3) herb 1.3 m. tall. Persisting from seed over winter in garden. Corolla tube basally pale green, apically white. Limb white with very narrow pale green margin and ^{green} curved corolla teeth.

Lobist.

13135. Ocimum basilicum L. cv. "Minimum"

(8) Cultivated herb with dense erect branches and small leaves. Flowers white.

45 F
MO BH
NY K
G WAG
ECON

2 Sept 1983

Obbit.

13136. Cunila origanoides (L.) Britt.

- F (1) n.v. American dittany
aromatic
Cult. herb, perennial.
Fls. pale violet.

Solanec.

13137. Nicotiana glauca Link & Otto cv. 'Rubella'

- F (1) n.v. "flowering tobacco"
Cult. herb. from commercial
seed. Fls. bright red.

Chenop.
Crassif.

13138. Beta vulgaris L

- F (1) Cult. herb grown for fleshy
~~leaf~~ root.

18 Sept 1983 -

Liliac

13139. Liriope muscari (Dcne.) L. H. Bailey

- F (1) cv. 'Variegata'
Cult. herb from commercial
source. Fls. deep violet. Scape
red.

24 Sept 1983 - Chicago.

13140. Cymbopogon citratus (DC.) Stapf Gram.

- F BH (1) n.v. "lemongrass", "hierba luisa"
Cult. herb with lemon-scented foliage.
Grown from rhizomes ex Lort. Mizumi,
Florida.

13141. Catharanthus roseus (L.) G. Don Apoc.

(3) cult. ornamental herb from commercial source. Flowers white with deep cerise pink center.
n.v. Madagascar periwinkle

F
BH
MO

13142. Datura discolor Bernh. Solan.

B
VEN
WIS
F
U
NY
BH
P
COLO
US
GH
WAG
MO
MBM
UC
CAS
CORD
ECON
K
G
GB
CEL
DAV
EOL
TEX
MEXU
XAL
ENLB

Herb 1.5 m. tall, much branches with spreading crown. Fruits nearly mature, pale green.
see 13131 for flowering specimen.
fruit

13143. Xanthosoma BRASILIENSE (Desf.) Engl. Arac.

(2) n.v. calulu - foliage eaten as spinach.
Cult. herb from garden of Allen Fernandez, Miami, FL.
Originally collected ex Hort. Saint Lucia, W.I. DET. T. CROAT 2000

MO

SEL

13144. Spilanthes oleracea L. Comp.

(3) Persisting from seed from plants cultivated in 1982. Herb with spreading prostrate branches. Capitula yellow.
n.v. "jambu" - ex Plowman et al. 9950

F
US
ECON

18 Sept 1983 - Chicago.

13145. Zea mays L.

Gram

(6) Cult. grass 6 m. tall in garden.

Pistillate infl. very young.

Grown from seeds supplied with "Corn-nuts" - originally from Peru.

Convolv.

13146. Ipomoea tricolor Cav. cv. 'Heavenly Blue'

F
BTH
ECON
MO
CEL

(7) Cult. twining vine from commercial seed. Flowers sky blue, white at center.

WAG
NY

13147. Tradescantia pallida (Rose) D. R. Hunt Commelinac.

(2) Cult. herb with creeping

F
US
succulent stems. Flowers
pale pink - violet.

det. R. Faden 1984.

1 Oct 1983.

MICHIGAN: Ogemaw County. Island
Lake, 7 mi. north of Rose City.

13148. Pinus sylvestris L.

Pinac.

- F (1) Cultivated pine tree 8 m. tall.
Immature cones green.

13149. Quercus rubra L.

Fagac.

- osu
F-2 (4) Tree 15 m. tall x 20 cm.
Sep. fruit DBH. at edge of Lake.

13150. Ceanothus americanus L.

Rhamna.

- F
TEX (2) Weak shrub 1 m. tall in open
woods. Fruits brown.

13151. Berteroa incana (L.) DC.

Crucif.

- F
GtH (2) Herb on open, gravelly roadside.
Petals white.

Thuja occidentalis L.

13152. Chamaecyparis

Pinac.

- F (1) Columnar Tree 5 m. tall at edge of Lake.
old cones brown.

13153. ~~Prunus~~ Pyrus melanocarpa (Michx.) Willd. Rosac.

- F (1) Shrub 1 m. tall at edge of Lake.
Fruits shiny black.

F 13154. Myrica gale L. Myric
(1) Shrub 1.5 m. tall at edge of Lake.
! A. BORNSTEIN 1992

F 13155. Cornus rugosa Lam. Cornac
(4) Shrub 2 m. tall on hillside
K NY in woods. Infl. axis deep pink
GH Immature fruits green to pale yellow.

13156. ~~Aureolaria~~ Gerardia flava L. Scroph.
(3) Caespitose herb with several
F erect inflorescences on open
B Jandy hill side in open woods.
NY Fruits brown.

F 13157. Hemamelis virginiana L. Hamamelid.
NY (7) Small tree 5 m. tall in open
GH woods. Flowers yellow. Fruits
MO pale green.
U IND
ISC

13158. Viburnum acerifolium L. Caprif.
F (2) Shrub 1.5 m. tall in open
NY woods on hillside. Fruits black.

13159. Alnus rugosa (DuRoi) Spreng.
(1) Shrub 4 m. tall growing on
F shores of Silver Island in Island
Lake.

(L.) Moench

13160. Chamaedaphne calyculata Ericez.

- F
MO (2) Low Erect shrub 60 cm. tall growing
in swamp at north end of Island
Lake. Immature fruits pale green.

13161. Sagittaria latifolia Willd. Alismat.

- F (1) Aquatic herb growing in
shallow south end of Island
Lake. Fruits light green. Seeds
tan.

13162. Potamogeton Zosterac.
Potamoget.

- F
OSU (3) Aquatic herb rooted on bottom
with floating leaves, growing in
shallows of Island Lake. Fruits
pale green to brown.

13163. Vallisneria spiralis L. Hydrocharit.

- F
OSU
K (3) Aquatic herb rooted on bottom,
growing shallows in Island Lake.
Fruits reddish purple.

13164. Quercus rubra L. Fagac.

- F
MO (4) Tree 18 m. tall x 25 cm.
DBH growing at edge of Island
Lake.

1 Oct 1983

MICHIGAN: Oscoda County.

Au Sable River, south bank, just east of Route 33.

13165. Aster macrophyllus L. Comp.

F (1) Herb in moist woods. Rays white.

13166. Triostema aurantiacum Bicknell Cyprip.

(1) Herb with 4 stems growing on open river bank. Fruits orange.

13167. Rubus Rosac.

F (1) Scandent subshrub 60 cm. tall growing along trail in moist woods.

13168. Viburnum rafinesquianum Schult. Cyprip.

F (1) Shrub 1.5 m. tall in moist woods. Fruits black.

13169. Symphoricarpos alba (L.) Blake Cyprip.

F (3) Low shrub to 40 cm. tall in moist woods along river. Fruits creamy white.
K
Mo

13170. Smilax tamnoides L. Liliac.

F NY (2) Scandent climber 2.5 m. tall
in margin of woods along small
creek. Fruits black.

13171. Scirpus Cyperac.

F (1) Sedge forming dense colony
on open river bank.

13172. Aster Comp.

F OSU (2) Herb in moist woods along
trail. Rays white.

13173. Celastrus scandens L. Celastr.

F (1) Scandent shrub 2.5 m. tall
among shrubs on river bank.
Fruits orange.

1 Oct 1983. MICHIGAN: Ogemaw
County: Island Lake, 7 mi. N.
of Rose City.

13174.

F Growing in open ^{sandy} gravel around
house in oak-pine forest. Thallus ~~light~~
cream. *Gasteromycet.*

13175.

F growing in oak-pine forest. Pileus ^{Fungi} gills and
stipe cream.

13176. Amasius

F growing in pine-oak forest. Frequent. Whole ^{Fungi}
thallus white.

13177.

F growing in pine-oak forest on Silver Island. ^{Fungi}
Thallus bright orange.

13178.

F Pine-oak forest. Pileus ten. Stipe white. ^{Fungi}

13179.

F Pine-oak forest on Silver Island. Thallus H. brown. ^{Fungi}

13180.

F Pine-oak forest on Silver Island. Pileus orange, ^{Fungi}
shiny. gills pale orange. Stipe orange.

13181.

F Cream puffball in pine-oak forest. ^{Fungi}

13182.

F Cream puffball in pine-oak forest.
F accessioned to here!

Chicago, Illinois.

13183. Dioscorea bulbifera L.

Dioscor.

- (1) Cult. twining vine, counterclockwise.
F ~~most~~ Sensitive to temperatures of 40°. Leaves dark green above, paler beneath.

13184. Dioscorea macroura Harms

Dioscor.

- (6) Cult. twining vine, twining
clockwise. Leaves light yellowish
green. Small axillary serial tubers
shiny purple.
- Ny F-2
WA & BH
MO

13185. Benincasa hispida (Thunb.) Cogn.

- (1) Cult. herbaceous vine 2.5 m. high.
F Fls. immature, sepals green. Seed from
oriental grocery.

13186. Ocimum basilicum L.

- (2) Herb in vegetable garden. Flowers
white. Green from seed overwintered
from plants grown in 1982.
- F
BH

13187. Piper aduncum L.

Piperac.

- (4) Cult. shrub 1 m. tall. Grown from seed
of Plowman & Schunke 11697. Peru: San Martín.
F of Toczke. "matico" - infusion of leaves used to cure
fungus infections of the skin, especially the hands.
Also for infected wounds. 24 Dec 1981.
colo
NY
E (on)
(orig. 2 to F, IC, MO, NY, U, USM).

12 Oct 83

13188. Anthurium bakeri Hook.f.

F (1) Cult. herb at Field Museum,
originally from Fantastic Gardens
Fl. red.

14 Nov 1982 - Univ. Chicago Greenhouse.

13189. Mondadenium coccineum Pax Euph.

Succulent herb with milky sap.

(1) F Bracts red.

13190. Senecio rowleyanus Jacobson

(1) Trailing prostrate herb. leaves
F globose, fleshy. Flowers yellow.
"string of pearls"

Chicago 12 Oct 83

13191. Anredera cordifolia (Ten.) Steenis

(1) Climbing herbaceous vine from
F fleshy root. Fls. pale greenish white.
Rhizome from Calvin Sperling.

Oct 16, 1983. St. Louis, Mo.

Missouri Botanical Garden.

Coll. T. Plowman, P. Molekatis & J. Henrich

13192. Capsicum zinnuum L.

Solan.

(3) cult. Ornamental herb with
green + white variegated leaves.
Fls. cream. Anthers blue.
Fruits red.

F
BH
CORD

13193. Ulmus parvifolia Jacq.

Ulmac.

- (1) Cult. tree 20 m. tall x 30 cm DBH. Bark dark grey. Immature fruits yellow green.
-

18 Oct 1983 Chicago, Ill.

coll. T. Ploumen + P. Motekaitis

13194. Hedera helix L.

- (2) n.v. variegated ivy.

F
BH

Cultivated ornamental. Lvs. green with white margins.

13195. Pilea

- (2) Cult. ornamental herb. Leaves green with 2 ^{brod} silver stripes on upper surface.

F
BH

13196. Hedera helix L.

- (1) n.v. variegated ivy.
Cultivated ornamental vine.
Lvs. green, mottled mustard yellow.

13197. Cissus rhombifolia Vahl.

- (1) n.v. grape ivy.
Cult. climbing vine.

13198. Hedera helix L.

(1) n. v. variegated ivy

Cult. ornamental vine. Leaves
mottled greyish green with whitish
spots.

13199. Philodendron scandens C. Koch + H. Sello

(1) subsp. oxycardium (Schott) Bunt.

Cult. ornamental herbaceous
vine. Leaves shiny.

n. v. "heart leaf philodendron"

